

| Symbol           | Typ                 | Titel                                                                                                                                                                                                                                                                                                                                                                                     |
|------------------|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>A</b>         | <b>Sektion</b>      | <b>SECTION A — HUMAN NECESSITIES</b>                                                                                                                                                                                                                                                                                                                                                      |
| <b>A61</b>       | <b>Untersektion</b> | <b>HEALTH; AMUSEMENT</b>                                                                                                                                                                                                                                                                                                                                                                  |
| <b>A61</b>       | <b>Klasse</b>       | <b>MEDICAL OR VETERINARY SCIENCE; HYGIENE</b>                                                                                                                                                                                                                                                                                                                                             |
| <b>A61K</b>      | <b>Unterklasse</b>  | <b>PREPARATIONS FOR MEDICAL, DENTAL, OR TOILET PURPOSES (bringing into special physical form A61J; chemical aspects of, or use of materials for deodorisation of air, for disinfection or sterilisation, or for bandages, dressings, absorbent pads or surgical articles A61L; compounds <u>per se</u>C01, C07, C08, C12N; soap compositions C11D; micro-organisms <u>per se</u>C12N)</b> |
| <b>A61K 6/00</b> | <b>Hauptgruppe</b>  | <b>Preparations for dentistry (teeth cleaning preparations A61K 8/00, A61Q 11/00; dentistry A61C; fastening dental prostheses in the mouth using adhesive foils or adhesive compositions A61C 13/23) [3]</b>                                                                                                                                                                              |
| A61K 6/02        | 1-Punkt Untergruppe | . Use of preparations for artificial teeth, for filling or for capping teeth [3]                                                                                                                                                                                                                                                                                                          |
| A61K 6/027       | 2-Punkt Untergruppe | . . Use of non-metallic elements or compounds thereof, e.g. carbon [5]                                                                                                                                                                                                                                                                                                                    |
| A61K 6/033       | 3-Punkt Untergruppe | . . . Phosphorus compounds, e.g. apatite [5]                                                                                                                                                                                                                                                                                                                                              |
| A61K 6/04        | 2-Punkt Untergruppe | . . Use of metals or alloys (alloys <u>per se</u> C22C) [3]                                                                                                                                                                                                                                                                                                                               |
| A61K 6/05        | 3-Punkt Untergruppe | . . . Amalgams [5]                                                                                                                                                                                                                                                                                                                                                                        |
| A61K 6/06        | 2-Punkt Untergruppe | . . Use of inorganic cements (cements <u>per se</u> C04B) [3]                                                                                                                                                                                                                                                                                                                             |
| A61K 6/08        | 2-Punkt Untergruppe | . . Use of natural or synthetic resins (resins <u>per se</u> C08) [3]                                                                                                                                                                                                                                                                                                                     |
| A61K 6/083       | 3-Punkt Untergruppe | . . . Compounds obtained by reactions only involving carbon-to-carbon unsaturated bonds [5]                                                                                                                                                                                                                                                                                               |
| A61K 6/087       | 3-Punkt Untergruppe | . . . Compounds obtained otherwise than by reactions only involving carbon-to-carbon unsaturated bonds [5]                                                                                                                                                                                                                                                                                |
| A61K 6/09        | 4-Punkt Untergruppe | . . . . Polyurethanes [5]                                                                                                                                                                                                                                                                                                                                                                 |
| A61K 6/093       | 4-Punkt Untergruppe | . . . . Polyorganosilicon compounds [5]                                                                                                                                                                                                                                                                                                                                                   |
| A61K 6/097       | 3-Punkt Untergruppe | . . . Polysaccharides [5]                                                                                                                                                                                                                                                                                                                                                                 |
| A61K 6/10        | 1-Punkt Untergruppe | . Compositions for taking dental impressions (impression methods A61C 9/00) [3]                                                                                                                                                                                                                                                                                                           |
| A61K 7/00        | Gelöscht            | (transferred to A61K 8/00-A61K 8/99; A61Q 7/02; A61Q 11/00; A61Q 11/02; A61Q 99/00)                                                                                                                                                                                                                                                                                                       |
| A61K 7/02        | Gelöscht            | (transferred to A61K 8/00-A61K 8/99; A61Q 1/00)                                                                                                                                                                                                                                                                                                                                           |
| A61K 7/021       | Gelöscht            | (transferred to A61K 8/00-A61K 8/99; A61Q 1/02)                                                                                                                                                                                                                                                                                                                                           |
| A61K 7/025       | Gelöscht            | (transferred to A61K 8/00-A61K 8/99; A61Q 1/04)                                                                                                                                                                                                                                                                                                                                           |
| A61K 7/027       | Gelöscht            | (transferred to A61K 8/00-A61K 8/99; A61Q 1/06)                                                                                                                                                                                                                                                                                                                                           |
| A61K 7/031       | Gelöscht            | (transferred to A61K 8/00-A61K 8/99; A61Q 1/08)                                                                                                                                                                                                                                                                                                                                           |
| A61K 7/032       | Gelöscht            | (transferred to A61K 8/00-A61K 8/99; A61Q 1/10)                                                                                                                                                                                                                                                                                                                                           |
| A61K 7/035       | Gelöscht            | (transferred to A61K 8/00-A61K 8/99; A61Q 1/12)                                                                                                                                                                                                                                                                                                                                           |
| A61K 7/04        | Gelöscht            | (transferred to A61K 8/00-A61K 8/99; A61Q 3/00)                                                                                                                                                                                                                                                                                                                                           |
| A61K 7/043       | Gelöscht            | (transferred to A61K 8/00-A61K 8/99; A61Q 3/02)                                                                                                                                                                                                                                                                                                                                           |
| A61K 7/047       | Gelöscht            | (transferred to A61K 8/00-A61K 8/99; A61Q 3/04)                                                                                                                                                                                                                                                                                                                                           |
| A61K 7/06        | Gelöscht            | (transferred to A61K 8/00-A61K 8/99; A61Q 5/00-A61Q 9/00)                                                                                                                                                                                                                                                                                                                                 |
| A61K 7/07        | Gelöscht            | (transferred to A61K 8/00-A61K 8/99; A61Q 5/00-A61Q 9/00)                                                                                                                                                                                                                                                                                                                                 |
| A61K 7/075       | Gelöscht            | (transferred to A61K 8/00-A61K 8/99; A61Q 5/12)                                                                                                                                                                                                                                                                                                                                           |

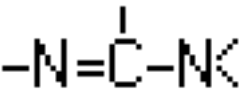
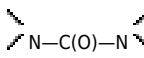
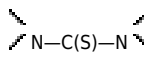
| Symbol           | Typ                        | Titel                                                                                                                                                                          |
|------------------|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| A61K 7/08        | Gelöscht                   | (transferred to A61K 8/00-A61K 8/99; A61Q 5/02)                                                                                                                                |
| A61K 7/09        | Gelöscht                   | (transferred to A61K 8/00-A61K 8/99; A61Q 5/04)                                                                                                                                |
| A61K 7/11        | Gelöscht                   | (transferred to A61K 8/00-A61K 8/99; A61Q 5/06)                                                                                                                                |
| A61K 7/13        | Gelöscht                   | (transferred to A61K 8/00-A61K 8/99; A61Q 5/10)                                                                                                                                |
| A61K 7/135       | Gelöscht                   | (transferred to A61K 8/00-A61K 8/99; A61Q 5/08)                                                                                                                                |
| A61K 7/15        | Gelöscht                   | (transferred to A61K 8/00-A61K 8/99; A61Q 9/02)                                                                                                                                |
| A61K 7/155       | Gelöscht                   | (transferred to A61K 8/00-A61K 8/99; A61Q 9/04)                                                                                                                                |
| A61K 7/16        | Gelöscht                   | (transferred to A61K 8/00-A61K 8/99; A61Q 11/00)                                                                                                                               |
| A61K 7/18        | Gelöscht                   | (transferred to A61K 8/69; A61K 8/70; A61Q 11/00)                                                                                                                              |
| A61K 7/20        | Gelöscht                   | (transferred to A61K 8/00-A61K 8/99; A61Q 11/00)                                                                                                                               |
| A61K 7/22        | Gelöscht                   | (transferred to A61K 8/40-A61K 8/45; A61Q 11/00)                                                                                                                               |
| A61K 7/24        | Gelöscht                   | (transferred to A61K 8/365; A61Q 11/00)                                                                                                                                        |
| A61K 7/26        | Gelöscht                   | (transferred to A61K 8/97; A61K 8/98; A61Q 11/00)                                                                                                                              |
| A61K 7/28        | Gelöscht                   | (transferred to A61K 8/66; A61Q 11/00)                                                                                                                                         |
| A61K 7/30        | Gelöscht                   | (transferred to A61K 8/00-A61K 8/99; A61Q 11/02)                                                                                                                               |
| A61K 7/32        | Gelöscht                   | (transferred to A61K 8/00-A61K 8/99; A61Q 15/00)                                                                                                                               |
| A61K 7/34        | Gelöscht                   | (transferred to A61K 8/00-A61K 8/99; A61Q 15/00)                                                                                                                               |
| A61K 7/36        | Gelöscht                   | (transferred to A61K 8/00-A61K 8/99; A61Q 15/00)                                                                                                                               |
| A61K 7/38        | Gelöscht                   | (transferred to A61K 8/00-A61K 8/99; A61Q 15/00)                                                                                                                               |
| A61K 7/40        | Gelöscht                   | (transferred to A61K 8/00-A61K 8/99; A61Q 17/00)                                                                                                                               |
| A61K 7/42        | Gelöscht                   | (transferred to A61K 8/00-A61K 8/99; A61Q 17/04)                                                                                                                               |
| A61K 7/44        | Gelöscht                   | (transferred to A61K 8/00-A61K 8/99; A61Q 17/04)                                                                                                                               |
| A61K 7/46        | Gelöscht                   | (transferred to A61K 8/00-A61K 8/99; A61Q 13/00)                                                                                                                               |
| A61K 7/48        | Gelöscht                   | (transferred to A61K 8/00-A61K 8/99; A61Q 19/00-A61Q 19/08)                                                                                                                    |
| A61K 7/50        | Gelöscht                   | (transferred to A61K 8/30-A61K 8/99; A61Q 19/10)                                                                                                                               |
| <b>A61K 8/00</b> | <b>Hauptgruppe</b>         | <b><i>Cosmetics or similar toilet preparations ( casings or accessories for storing or handling of solid or pasty toilet or cosmetic substances A45D 40/00 ) [2006.01]</i></b> |
| <i>A61K 8/02</i> | <i>1-Punkt Untergruppe</i> | <i>. characterised by special physical form [2006.01]</i>                                                                                                                      |
| <i>A61K 8/03</i> | <i>2-Punkt Untergruppe</i> | <i>. . Liquid compositions with two or more distinct layers [2006.01]</i>                                                                                                      |
| <i>A61K 8/04</i> | <i>2-Punkt Untergruppe</i> | <i>. . Dispersions ; Emulsions [2006.01]</i>                                                                                                                                   |
| <i>A61K 8/06</i> | <i>3-Punkt Untergruppe</i> | <i>. . . Emulsions [2006.01]</i>                                                                                                                                               |
| <i>A61K 8/11</i> | <i>2-Punkt Untergruppe</i> | <i>. . Encapsulated compositions [2006.01]</i>                                                                                                                                 |
| <i>A61K 8/14</i> | <i>2-Punkt Untergruppe</i> | <i>. . Liposomes [2006.01]</i>                                                                                                                                                 |
| <i>A61K 8/18</i> | <i>1-Punkt Untergruppe</i> | <i>. characterised by the composition [2006.01]</i>                                                                                                                            |
| <i>A61K 8/19</i> | <i>2-Punkt Untergruppe</i> | <i>. . containing inorganic ingredients [2006.01]</i>                                                                                                                          |
| <i>A61K 8/20</i> | <i>3-Punkt Untergruppe</i> | <i>. . . Halogens ; Compounds thereof [2006.01]</i>                                                                                                                            |
| <i>A61K 8/21</i> | <i>4-Punkt Untergruppe</i> | <i>. . . . Fluorides ; Derivatives thereof [2006.01]</i>                                                                                                                       |
| <i>A61K 8/22</i> | <i>3-Punkt Untergruppe</i> | <i>. . . Peroxides ; Oxygen ; Ozone [2006.01]</i>                                                                                                                              |
| <i>A61K 8/23</i> | <i>3-Punkt Untergruppe</i> | <i>. . . Sulfur ; Selenium ; Tellurium ; Compounds thereof [2006.01]</i>                                                                                                       |
| <i>A61K 8/24</i> | <i>3-Punkt Untergruppe</i> | <i>. . . Phosphorus ; Compounds thereof [2006.01]</i>                                                                                                                          |
| <i>A61K 8/25</i> | <i>3-Punkt Untergruppe</i> | <i>. . . Silicon ; Compounds thereof [2006.01]</i>                                                                                                                             |

| Symbol     | Typ                 | Titel                                                                                                                                                      |
|------------|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| A61K 8/26  | 3-Punkt Untergruppe | ... Aluminium ; Compounds thereof [2006.01]                                                                                                                |
| A61K 8/27  | 3-Punkt Untergruppe | ... Zinc ; Compounds thereof [2006.01]                                                                                                                     |
| A61K 8/28  | 3-Punkt Untergruppe | ... Zirconium ; Compounds thereof [2006.01]                                                                                                                |
| A61K 8/29  | 3-Punkt Untergruppe | ... Titanium ; Compounds thereof [2006.01]                                                                                                                 |
| A61K 8/30  | 2-Punkt Untergruppe | ... containing organic compounds [2006.01]                                                                                                                 |
| A61K 8/31  | 3-Punkt Untergruppe | ... Hydrocarbons [2006.01]                                                                                                                                 |
| A61K 8/33  | 3-Punkt Untergruppe | ... containing oxygen [2006.01]                                                                                                                            |
| A61K 8/34  | 4-Punkt Untergruppe | ... Alcohols [2006.01]                                                                                                                                     |
| A61K 8/35  | 4-Punkt Untergruppe | ... Ketones, e.g. quinones, benzophenone [2006.01]                                                                                                         |
| A61K 8/36  | 4-Punkt Untergruppe | ... Carboxylic acids ; Salts or anhydrides thereof [2006.01]                                                                                               |
| A61K 8/362 | 5-Punkt Untergruppe | ... Polycarboxylic acids [2006.01]                                                                                                                         |
| A61K 8/365 | 5-Punkt Untergruppe | ... Hydroxycarboxylic acids ; Ketocarboxylic acids [2006.01]                                                                                               |
| A61K 8/368 | 5-Punkt Untergruppe | ... with carboxyl groups directly bound to carbon atoms of aromatic rings [2006.01]                                                                        |
| A61K 8/37  | 4-Punkt Untergruppe | ... Esters of carboxylic acids [2006.01]                                                                                                                   |
| A61K 8/38  | 4-Punkt Untergruppe | ... Percompounds, e.g. peracids [2006.01]                                                                                                                  |
| A61K 8/39  | 4-Punkt Untergruppe | ... Derivatives containing from 2 to 10 oxyalkylene groups [2006.01]                                                                                       |
| A61K 8/40  | 3-Punkt Untergruppe | ... containing nitrogen ( quinones containing nitrogen A61K 8/35 ) [2006.01]                                                                               |
| A61K 8/41  | 4-Punkt Untergruppe | ... Amines [2006.01]                                                                                                                                       |
| A61K 8/42  | 4-Punkt Untergruppe | ... Amides [2006.01]                                                                                                                                       |
| A61K 8/43  | 4-Punkt Untergruppe | ... Guanidines [2006.01]                                                                                                                                   |
| A61K 8/44  | 4-Punkt Untergruppe | ... Aminocarboxylic acids or derivatives thereof, e.g. aminocarboxylic acids containing sulfur ; Salts, esters or N-acylated derivatives thereof [2006.01] |
| A61K 8/45  | 4-Punkt Untergruppe | ... Derivatives containing from 2 to 10 oxyalkylene groups [2006.01]                                                                                       |
| A61K 8/46  | 3-Punkt Untergruppe | ... containing sulfur ( A61K 8/44 takes precedence ) [2006.01]                                                                                             |
| A61K 8/49  | 3-Punkt Untergruppe | ... containing heterocyclic compounds [2006.01]                                                                                                            |
| A61K 8/55  | 3-Punkt Untergruppe | ... containing phosphorus [2006.01]                                                                                                                        |
| A61K 8/58  | 3-Punkt Untergruppe | ... containing atoms other than carbon, hydrogen, halogen, oxygen, nitrogen, sulfur or phosphorus [2006.01]                                                |
| A61K 8/60  | 3-Punkt Untergruppe | ... Sugars ; Derivatives thereof [2006.01]                                                                                                                 |
| A61K 8/63  | 3-Punkt Untergruppe | ... Steroids ; Derivatives thereof [2006.01]                                                                                                               |
| A61K 8/64  | 3-Punkt Untergruppe | ... Proteins ; Peptides ; Derivatives or degradation products thereof [2006.01]                                                                            |
| A61K 8/65  | 4-Punkt Untergruppe | ... Collagen ; Gelatin ; Keratin ; Derivatives or degradation products thereof [2006.01]                                                                   |
| A61K 8/66  | 4-Punkt Untergruppe | ... Enzymes [2006.01]                                                                                                                                      |

| Symbol           | Typ                 | Titel                                                                                                                                                                                  |
|------------------|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| A61K 8/67        | 3-Punkt Untergruppe | ... Vitamins [2006.01]                                                                                                                                                                 |
| A61K 8/68        | 3-Punkt Untergruppe | ... Sphingolipids, e.g. ceramides, cerebroside, gangliosides [2006.01]                                                                                                                 |
| A61K 8/69        | 3-Punkt Untergruppe | ... containing fluorine [2006.01]                                                                                                                                                      |
| A61K 8/70        | 4-Punkt Untergruppe | ... containing perfluoro groups, e.g. perfluoroethers [2006.01]                                                                                                                        |
| A61K 8/72        | 2-Punkt Untergruppe | ... containing organic macromolecular compounds [2006.01]                                                                                                                              |
| A61K 8/73        | 3-Punkt Untergruppe | ... Polysaccharides [2006.01]                                                                                                                                                          |
| A61K 8/81        | 3-Punkt Untergruppe | ... obtained by reactions involving only carbon-to-carbon unsaturated bonds [2006.01]                                                                                                  |
| A61K 8/84        | 3-Punkt Untergruppe | ... obtained by reactions other than those involving only carbon-to-carbon unsaturated bonds [2006.01]                                                                                 |
| A61K 8/85        | 4-Punkt Untergruppe | ... Polyesters [2006.01]                                                                                                                                                               |
| A61K 8/86        | 4-Punkt Untergruppe | ... Polyethers [2006.01]                                                                                                                                                               |
| A61K 8/87        | 4-Punkt Untergruppe | ... Polyurethanes [2006.01]                                                                                                                                                            |
| A61K 8/88        | 4-Punkt Untergruppe | ... Polyamides [2006.01]                                                                                                                                                               |
| A61K 8/89        | 4-Punkt Untergruppe | ... Polysiloxanes [2006.01]                                                                                                                                                            |
| A61K 8/891       | 5-Punkt Untergruppe | ... saturated, e.g. dimethicone, phenyl trimethicone, C24-C28 methicone or stearyl dimethicone [2006.01]                                                                               |
| A61K 8/892       | 6-Punkt Untergruppe | ... modified by a hydroxy group, e.g. dimethiconol [2006.01]                                                                                                                           |
| A61K 8/893       | 6-Punkt Untergruppe | ... modified by an alkoxy or aryloxy group, e.g. behenoxy dimethicone or stearoxy dimethicone [2006.01]                                                                                |
| A61K 8/894       | 6-Punkt Untergruppe | ... modified by a polyoxyalkylene group, e.g. cetyl dimethicone copolyol [2006.01]                                                                                                     |
| A61K 8/895       | 5-Punkt Untergruppe | ... containing silicon bound to unsaturated aliphatic groups, e.g. vinyl dimethicone [2006.01]                                                                                         |
| A61K 8/896       | 5-Punkt Untergruppe | ... containing atoms other than silicon, carbon, oxygen and hydrogen, e.g. dimethicone copolyol phosphate [2006.01]                                                                    |
| A61K 8/897       | 6-Punkt Untergruppe | ... containing halogen, e.g. fluorosilicones [2006.01]                                                                                                                                 |
| A61K 8/898       | 6-Punkt Untergruppe | ... containing nitrogen, e.g. amodimethicone, trimethyl silyl amodimethicone or dimethicone propyl PG-betaine [2006.01]                                                                |
| A61K 8/899       | 6-Punkt Untergruppe | ... containing sulfur, e.g. sodium PG-propyldimethicone thiosulfate copolyol [2006.01]                                                                                                 |
| A61K 8/90        | 3-Punkt Untergruppe | ... Block copolymers ( A61K 8/89 takes precedence ) [2006.01]                                                                                                                          |
| A61K 8/91        | 3-Punkt Untergruppe | ... Graft copolymers ( A61K 8/89 takes precedence ) [2006.01]                                                                                                                          |
| A61K 8/92        | 2-Punkt Untergruppe | ... Oils, fats or waxes; Derivatives thereof, e.g. hydrogenation products [2006.01]                                                                                                    |
| A61K 8/96        | 2-Punkt Untergruppe | ... containing materials, or derivatives thereof, of undetermined constitution [2006.01]                                                                                               |
| A61K 8/97        | 3-Punkt Untergruppe | ... of vegetable origin, e.g. plant extracts [2006.01]                                                                                                                                 |
| A61K 8/98        | 3-Punkt Untergruppe | ... of animal origin [2006.01]                                                                                                                                                         |
| A61K 8/99        | 3-Punkt Untergruppe | ... from micro-organisms [2006.01]                                                                                                                                                     |
| <b>A61K 9/00</b> | <b>Hauptgruppe</b>  | <b>Medicinal preparations characterised by special physical form (nuclear magnetic resonance contrast preparations or magnetic resonance imaging contrast preparations A61K 49/18;</b> |

| Symbol                                                            | Typ                 | Titel                                                                                                                                           |
|-------------------------------------------------------------------|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>preparations containing radioactive substances A61K 51/12)</b> |                     |                                                                                                                                                 |
| A61K 9/02                                                         | 1-Punkt Untergruppe | . Suppositories; Bougies; Bases for suppositories or bougies (apparatus for making A61J 3/08; devices for introducing into the body A61M 31/00) |
| A61K 9/06                                                         | 1-Punkt Untergruppe | . Ointments; Bases therefor (apparatus for making A61J 3/04)                                                                                    |
| A61K 9/08                                                         | 1-Punkt Untergruppe | . Solutions [2, 3]                                                                                                                              |
| A61K 9/10                                                         | 1-Punkt Untergruppe | . Dispersions; Emulsions [2, 3]                                                                                                                 |
| A61K 9/107                                                        | 2-Punkt Untergruppe | . . Emulsions [5]                                                                                                                               |
| A61K 9/113                                                        | 3-Punkt Untergruppe | . . . Multiple emulsions, e.g. oil-in-water-in-oil [5]                                                                                          |
| A61K 9/12                                                         | 2-Punkt Untergruppe | . . Aerosols; Foams [2, 3]                                                                                                                      |
| A61K 9/127                                                        | 2-Punkt Untergruppe | . . Liposomes [5]                                                                                                                               |
| A61K 9/133                                                        | 3-Punkt Untergruppe | . . . Unilamellar vesicles [5]                                                                                                                  |
| A61K 9/14                                                         | 1-Punkt Untergruppe | . Particulate form, e.g. powders (microcapsules A61K 9/50) [2]                                                                                  |
| A61K 9/16                                                         | 2-Punkt Untergruppe | . . Agglomerates; Granulates; Microbeadlets [2]                                                                                                 |
| A61K 9/18                                                         | 2-Punkt Untergruppe | . . Adsorbates [2]                                                                                                                              |
| A61K 9/19                                                         | 2-Punkt Untergruppe | . . lyophilised [6]                                                                                                                             |
| A61K 9/20                                                         | 1-Punkt Untergruppe | . Pills, lozenges or tablets [2]                                                                                                                |
| A61K 9/22                                                         | 2-Punkt Untergruppe | . . Sustained or differential release type [2]                                                                                                  |
| A61K 9/24                                                         | 3-Punkt Untergruppe | . . . Layered or laminated unitary dosage forms [2]                                                                                             |
| A61K 9/26                                                         | 3-Punkt Untergruppe | . . . Discrete particles in supporting matrix [2]                                                                                               |
| A61K 9/28                                                         | 2-Punkt Untergruppe | . . Dragees; Coated pills or tablets [2]                                                                                                        |
| A61K 9/30                                                         | 3-Punkt Untergruppe | . . . Organic coatings [2]                                                                                                                      |
| A61K 9/32                                                         | 4-Punkt Untergruppe | . . . . containing solid synthetic polymers [2]                                                                                                 |
| A61K 9/34                                                         | 4-Punkt Untergruppe | . . . . containing natural gums or resins [2]                                                                                                   |
| A61K 9/36                                                         | 4-Punkt Untergruppe | . . . . containing carbohydrates or derivatives thereof (A61K 9/34 takes precedence) [2]                                                        |
| A61K 9/38                                                         | 4-Punkt Untergruppe | . . . . containing proteins or derivatives thereof [2]                                                                                          |
| A61K 9/40                                                         | 5-Punkt Untergruppe | . . . . . Gelatin containing [2]                                                                                                                |
| A61K 9/42                                                         | 4-Punkt Untergruppe | . . . . containing waxes, higher fatty acids, higher fatty alcohols, or derivatives thereof, e.g. chocolate [2]                                 |
| A61K 9/44                                                         | 2-Punkt Untergruppe | . . printed, embossed, grooved, or perforated [2]                                                                                               |
| A61K 9/46                                                         | 2-Punkt Untergruppe | . . effervescent [2]                                                                                                                            |
| A61K 9/48                                                         | 1-Punkt Untergruppe | . Preparations in capsules, e.g. of gelatin, of chocolate [2]                                                                                   |
| A61K 9/50                                                         | 2-Punkt Untergruppe | . . Microcapsules (A61K 9/52 takes precedence) [2]                                                                                              |
| A61K 9/51                                                         | 3-Punkt Untergruppe | . . . Nanocapsules [5]                                                                                                                          |
| A61K 9/52                                                         | 2-Punkt Untergruppe | . . Sustained or differential release type [2]                                                                                                  |

| Symbol            | Typ                 | Titel                                                                                                   |
|-------------------|---------------------|---------------------------------------------------------------------------------------------------------|
| A61K 9/54         | 3-Punkt Untergruppe | . . . containing discrete particles with coatings of different thicknesses or different materials [2]   |
| A61K 9/56         | 4-Punkt Untergruppe | . . . . Organic coatings [2]                                                                            |
| A61K 9/58         | 5-Punkt Untergruppe | . . . . . containing solid synthetic polymers [2]                                                       |
| A61K 9/60         | 5-Punkt Untergruppe | . . . . . containing natural gums or resins [2]                                                         |
| A61K 9/62         | 5-Punkt Untergruppe | . . . . . containing carbohydrates or derivatives thereof (A61K 9/60 takes precedence) [2]              |
| A61K 9/64         | 5-Punkt Untergruppe | . . . . . containing proteins or derivatives thereof [2]                                                |
| A61K 9/66         | 3-Punkt Untergruppe | . . . containing emulsions, dispersions or solutions [2]                                                |
| A61K 9/68         | 1-Punkt Untergruppe | . chewing gum type (non-medicinal aspects, preparing chewing gum A23G 4/00) [2]                         |
| A61K 9/70         | 1-Punkt Untergruppe | . Web, sheet or filament bases (bandages, dressings or absorbent pads A61F 13/00) [2]                   |
| A61K 9/72         | 1-Punkt Untergruppe | . for smoking or inhaling [2]                                                                           |
| <b>A61K 31/00</b> | <b>Hauptgruppe</b>  | <b>Medicinal preparations containing organic active ingredients [2]</b>                                 |
| A61K 31/01        | 1-Punkt Untergruppe | . Hydrocarbons [2]                                                                                      |
| A61K 31/015       | 2-Punkt Untergruppe | . . carbocyclic [2]                                                                                     |
| A61K 31/02        | 1-Punkt Untergruppe | . Halogenated hydrocarbons [2]                                                                          |
| A61K 31/025       | 2-Punkt Untergruppe | . . carbocyclic [2]                                                                                     |
| A61K 31/03        | 3-Punkt Untergruppe | . . . aromatic [2]                                                                                      |
| A61K 31/035       | 2-Punkt Untergruppe | . . having aliphatic unsaturation [2]                                                                   |
| A61K 31/04        | 1-Punkt Untergruppe | . Nitro compounds [2]                                                                                   |
| A61K 31/045       | 1-Punkt Untergruppe | . Hydroxy compounds, e.g. alcohols; Salts thereof, e.g. alcoholates (hydroperoxides A61K 31/327) [2, 7] |
| A61K 31/047       | 2-Punkt Untergruppe | . . having two or more hydroxy groups, e.g. sorbitol [7]                                                |
| A61K 31/05        | 2-Punkt Untergruppe | . . Phenols [2]                                                                                         |
| A61K 31/055       | 3-Punkt Untergruppe | . . . the aromatic ring being substituted by halogen [2]                                                |
| A61K 31/06        | 3-Punkt Untergruppe | . . . the aromatic ring being substituted by nitro groups [2]                                           |
| A61K 31/065       | 2-Punkt Untergruppe | . . Diphenyl-substituted acyclic alcohols [2]                                                           |
| A61K 31/07        | 2-Punkt Untergruppe | . . Retinol compounds, e.g. vitamin A (retinoic acids A61K 31/203) [2, 7]                               |
| A61K 31/075       | 1-Punkt Untergruppe | . Ethers or acetals [2]                                                                                 |
| A61K 31/08        | 2-Punkt Untergruppe | . . acyclic, e.g. paraformaldehyde [2]                                                                  |
| A61K 31/085       | 2-Punkt Untergruppe | . . having an ether linkage to aromatic ring nuclear carbon [2]                                         |
| A61K 31/09        | 3-Punkt Untergruppe | . . . having two or more such linkages [2]                                                              |
| A61K 31/095       | 1-Punkt Untergruppe | . Sulfur, selenium or tellurium compounds, e.g. thiols [2]                                              |
| A61K 31/10        | 2-Punkt Untergruppe | . . Sulfides; Sulfoxides; Sulfones [2]                                                                  |
| A61K 31/105       | 2-Punkt Untergruppe | . . Persulfides (thiuram disulfides A61K 31/145; thiosulfonic acids A61K 31/185) [2]                    |

| Symbol      | Typ                 | Titel                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|-------------|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| A61K 31/11  | 1-Punkt Untergruppe | . Aldehydes [2]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| A61K 31/115 | 2-Punkt Untergruppe | . . Formaldehyde [2]                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| A61K 31/12  | 1-Punkt Untergruppe | . Ketones [2]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| A61K 31/121 | 2-Punkt Untergruppe | . . acyclic [7]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| A61K 31/122 | 2-Punkt Untergruppe | . . having the oxygen atom directly attached to a ring, e.g. quinones, vitamin K <sub>1</sub> , anthralin [7]                                                                                                                                                                                                                                                                                                                                                                                  |
| A61K 31/125 | 3-Punkt Untergruppe | . . . Camphor; Nuclear substituted derivatives thereof [2]                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| A61K 31/13  | 1-Punkt Untergruppe | . Amines, e.g. amantadine (A61K 31/04 takes precedence) [2]                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| A61K 31/131 | 2-Punkt Untergruppe | . . acyclic [7]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| A61K 31/132 | 2-Punkt Untergruppe | . . having two or more amino groups, e.g. spermidine, putrescine [7]                                                                                                                                                                                                                                                                                                                                                                                                                           |
| A61K 31/133 | 2-Punkt Untergruppe | . . having hydroxy groups, e.g. sphingosine [7]                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| A61K 31/135 | 2-Punkt Untergruppe | . . having aromatic rings, e.g. methadone [2, 7]                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| A61K 31/136 | 3-Punkt Untergruppe | . . . having the amino group directly attached to the aromatic ring, e.g. benzeneamine [7]                                                                                                                                                                                                                                                                                                                                                                                                     |
| A61K 31/137 | 3-Punkt Untergruppe | . . . Arylalkylamines, e.g. amphetamine, epinephrine, salbutamol, ephedrine [7]                                                                                                                                                                                                                                                                                                                                                                                                                |
| A61K 31/138 | 3-Punkt Untergruppe | . . . Aryloxyalkylamines, e.g. propranolol, tamoxifen, phenoxybenzamine (atenolol A61K 31/165; pindolol A61K 31/404; timolol A61K 31/5377) [7]                                                                                                                                                                                                                                                                                                                                                 |
| A61K 31/14  | 2-Punkt Untergruppe | . . Quaternary ammonium compounds, e.g. edrophonium, choline (betaines A61K 31/205) [2]                                                                                                                                                                                                                                                                                                                                                                                                        |
| A61K 31/145 | 2-Punkt Untergruppe | . . having sulfur atoms, e.g. thiurams (  $\text{N}-\text{C}(\text{S})-\text{S}-\text{C}(\text{S})-\text{N}$ or  $\text{N}-\text{C}(\text{S})-\text{S}-\text{S}-\text{C}(\text{S})-\text{N}$ ); Sulfonilamines ( $-\text{N}=\text{SO}$ ); Sulfonylamines ( $-\text{N}=\text{SO}_2$ ) (isothioureas A61K 31/155) [2, 7] |
| A61K 31/15  | 2-Punkt Untergruppe | . . Oximes (  $\text{C}=\text{N}-\text{O}-$ ); Hydrazines (  $\text{N}-\text{N}$ ); Hydrazones (  $\text{N}=\text{N}$ ) [2]                                                                                                         |
| A61K 31/155 | 2-Punkt Untergruppe | . . Amidines (  $\text{N}=\text{C}(\text{N})=\text{N}$ ), e.g. guanidine ( $\text{H}_2\text{N}-\text{C}(=\text{NH})-\text{NH}_2$ ), isourea ( $\text{HN}=\text{C}(\text{OH})\text{NH}_2$ ), isothiourea ( $\text{HN}=\text{C}(\text{SH})-\text{NH}_2$ ) [2]                                                                                                                                                 |
| A61K 31/16  | 1-Punkt Untergruppe | . Amides, e.g. hydroxamic acids [2]                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| A61K 31/164 | 2-Punkt Untergruppe | . . of a carboxylic acid with an aminoalcohol, e.g. ceramides [7]                                                                                                                                                                                                                                                                                                                                                                                                                              |
| A61K 31/165 | 2-Punkt Untergruppe | . . having aromatic rings, e.g. colchicine, atenolol, progabide [2]                                                                                                                                                                                                                                                                                                                                                                                                                            |
| A61K 31/166 | 3-Punkt Untergruppe | . . . having the carbon atom of a carboxamide group directly attached to the aromatic ring, e.g. procainamide, procarbazine, metoclopramide, labetalol [7]                                                                                                                                                                                                                                                                                                                                     |
| A61K 31/167 | 3-Punkt Untergruppe | . . . having the nitrogen atom of a carboxamide group directly attached to the aromatic ring, e.g. lidocaine, paracetamol [7]                                                                                                                                                                                                                                                                                                                                                                  |
| A61K 31/17  | 2-Punkt Untergruppe | . . having the group  $\text{N}-\text{C}(\text{O})-\text{N}$ or  $\text{N}-\text{C}(\text{S})-\text{N}$ , e.g. urea, thiourea, carmustine (isoureas, isothioureas A61K 31/155; sulfonylureas A61K 31/64) [2, 7]                                                                                                         |

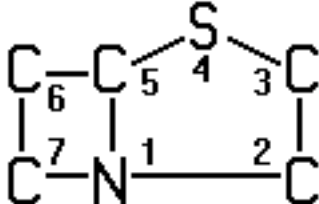
| Symbol      | Typ                 | Titel                                                                                                                                                                                                                                                                                                                                                                      |
|-------------|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| A61K 31/175 | 3-Punkt Untergruppe | <p>... having the group <math>\text{&gt;N}-\text{C}(\text{O})-\text{N}^{\text{I}}-\text{N}^{\text{K}}</math>, <math>\text{&gt;N}-\text{C}(\text{O})-\text{N}=\text{N}-</math> or <math>\text{&gt;N}-\text{C}(\text{O})-\text{N}^{\text{I}}-\text{N}=\text{N}-</math>, e.g. carbonohydrazides, carbazones, semicarbazides, semicarbazones; Thioanalogues thereof [2, 7]</p> |
| A61K 31/18  | 2-Punkt Untergruppe | ... Sulfonamides (compounds containing a para-N-benzene-sulfonyl-N-group A61K 31/63) [2]                                                                                                                                                                                                                                                                                   |
| A61K 31/185 | 1-Punkt Untergruppe | ... Acids; Anhydrides, halides or salts thereof, e.g. sulfur acids, imidic, hydrazonic or hydroxamic acids (hydroxamic acids A61K 31/16; peroxy acids A61K 31/327) [2, 7]                                                                                                                                                                                                  |
| A61K 31/19  | 2-Punkt Untergruppe | ... Carboxylic acids, e.g. valproic acid (salicylic acid A61K 31/60) [2, 7]                                                                                                                                                                                                                                                                                                |
| A61K 31/191 | 3-Punkt Untergruppe | ... Acyclic acids having two or more hydroxy groups, e.g. gluconic acid [7]                                                                                                                                                                                                                                                                                                |
| A61K 31/192 | 3-Punkt Untergruppe | ... having aromatic groups, e.g. sulindac, 2-aryl-propionic acids, ethacrynic acid [7]                                                                                                                                                                                                                                                                                     |
| A61K 31/194 | 3-Punkt Untergruppe | ... having two or more carboxyl groups, e.g. succinic, maleic or phthalic acid [7]                                                                                                                                                                                                                                                                                         |
| A61K 31/195 | 3-Punkt Untergruppe | ... having an amino group [2, 7]                                                                                                                                                                                                                                                                                                                                           |
| A61K 31/196 | 4-Punkt Untergruppe | ... the amino group being directly attached to a ring, e.g. anthranilic acid, mefenamic acid, diclofenac, chlorambucil [7]                                                                                                                                                                                                                                                 |
| A61K 31/197 | 4-Punkt Untergruppe | ... the amino and the carboxyl groups being attached to the same acyclic carbon chain, e.g. gamma-aminobutyric acid (GABA), beta-alanine, epsilon-aminocaproic acid, pantothenic acid (carnitine A61K 31/205) [7]                                                                                                                                                          |
| A61K 31/198 | 5-Punkt Untergruppe | ... Alpha-amino acids, e.g. alanine, edetic acid (EDTA) (betaine A61K 31/205; proline A61K 31/401; tryptophan A61K 31/405; histidine A61K 31/4172; peptides not degraded to individual amino acids A61K 38/00) [7]                                                                                                                                                         |
| A61K 31/20  | 3-Punkt Untergruppe | ... having a carboxyl group bound to an acyclic chain of seven or more carbon atoms, e.g. stearic, palmitic or arachidic acid [2]                                                                                                                                                                                                                                          |
| A61K 31/201 | 4-Punkt Untergruppe | ... having one or two double bonds, e.g. oleic or linoleic acid [7]                                                                                                                                                                                                                                                                                                        |
| A61K 31/202 | 4-Punkt Untergruppe | ... having three or more double bonds, e.g. linolenic acid (eicosanoids, e.g. leukotrienes, A61K 31/557) [7]                                                                                                                                                                                                                                                               |
| A61K 31/203 | 4-Punkt Untergruppe | ... Retinoic acids [7]                                                                                                                                                                                                                                                                                                                                                     |
| A61K 31/205 | 2-Punkt Untergruppe | ... Amine addition salts of organic acids; Inner quaternary ammonium salts, e.g. betaine, carnitine [2]                                                                                                                                                                                                                                                                    |
| A61K 31/21  | 1-Punkt Untergruppe | ... Esters, e.g. nitroglycerine, selenocyanates [2]                                                                                                                                                                                                                                                                                                                        |
| A61K 31/215 | 2-Punkt Untergruppe | ... of carboxylic acids [2]                                                                                                                                                                                                                                                                                                                                                |
| A61K 31/216 | 3-Punkt Untergruppe | ... of acids having aromatic rings, e.g. benactizyne, clofibrate [7]                                                                                                                                                                                                                                                                                                       |
| A61K 31/22  | 3-Punkt Untergruppe | ... of acyclic acids, e.g. pravastatin [2]                                                                                                                                                                                                                                                                                                                                 |
| A61K 31/221 | 4-Punkt Untergruppe | ... with compounds having an amino group, e.g. acetylcholine, acetylcarnitine [7]                                                                                                                                                                                                                                                                                          |
| A61K 31/222 | 4-Punkt Untergruppe | ... with compounds having aromatic groups, e.g. dipivefrine, ibopamine [7]                                                                                                                                                                                                                                                                                                 |
| A61K 31/223 | 4-Punkt Untergruppe | ... of alpha-amino acids [7]                                                                                                                                                                                                                                                                                                                                               |
| A61K 31/225 | 4-Punkt Untergruppe | ... Polycarboxylic acids [2]                                                                                                                                                                                                                                                                                                                                               |
| A61K 31/23  | 4-Punkt Untergruppe | ... of acids having a carboxyl group bound to a chain of seven or more carbon atoms [2]                                                                                                                                                                                                                                                                                    |



| Symbol      | Typ                 | Titel                                                                                                                   |
|-------------|---------------------|-------------------------------------------------------------------------------------------------------------------------|
| A61K 31/231 | 5-Punkt Untergruppe | . . . . . having one or two double bonds [7]                                                                            |
| A61K 31/232 | 5-Punkt Untergruppe | . . . . . having three or more double bonds, e.g. etretinate [7]                                                        |
| A61K 31/235 | 3-Punkt Untergruppe | . . . having an aromatic ring attached to a carboxyl group [2]                                                          |
| A61K 31/24  | 4-Punkt Untergruppe | . . . . having an amino or nitro group [2]                                                                              |
| A61K 31/245 | 5-Punkt Untergruppe | . . . . . Amino benzoic acid types, e.g. procaine, novocaine (salicylic acid esters A61K 31/60) [2]                     |
| A61K 31/25  | 3-Punkt Untergruppe | . . . with polyoxyalkylated alcohols, e.g. esters of polyethylene glycol [2]                                            |
| A61K 31/255 | 2-Punkt Untergruppe | . . of sulfoxy acids or sulfur analogues thereof [2]                                                                    |
| A61K 31/26  | 2-Punkt Untergruppe | . . Cyanate or isocyanate esters; Thiocyanate or isothiocyanate esters [2, 7]                                           |
| A61K 31/265 | 2-Punkt Untergruppe | . . of carbonic, thiocarbonic or thiocarboxylic acids, e.g. thioacetic acid, xanthogenic acid, trithiocarbonic acid [2] |
| A61K 31/27  | 2-Punkt Untergruppe | . . of carbamic or thiocarbamic acids, e.g. meprobamate, carbachol, neostigmine [2]                                     |
| A61K 31/275 | 1-Punkt Untergruppe | . Nitriles; Isonitriles [2]                                                                                             |
| A61K 31/277 | 2-Punkt Untergruppe | . . having a ring, e.g. verapamil [7]                                                                                   |
| A61K 31/28  | 1-Punkt Untergruppe | . Compounds containing heavy metals [2]                                                                                 |
| A61K 31/282 | 2-Punkt Untergruppe | . . Platinum compounds [7]                                                                                              |
| A61K 31/285 | 2-Punkt Untergruppe | . . Arsenic compounds [2]                                                                                               |
| A61K 31/29  | 2-Punkt Untergruppe | . . Antimony or bismuth compounds [2]                                                                                   |
| A61K 31/295 | 2-Punkt Untergruppe | . . Iron group metal compounds [2]                                                                                      |
| A61K 31/30  | 2-Punkt Untergruppe | . . Copper compounds [2]                                                                                                |
| A61K 31/305 | 2-Punkt Untergruppe | . . Mercury compounds [2]                                                                                               |
| A61K 31/31  | 3-Punkt Untergruppe | . . . containing nitrogen [2]                                                                                           |
| A61K 31/315 | 2-Punkt Untergruppe | . . Zinc compounds [2]                                                                                                  |
| A61K 31/32  | 2-Punkt Untergruppe | . . Tin compounds [2]                                                                                                   |
| A61K 31/325 | 1-Punkt Untergruppe | . Carbamic acids; Thiocarbamic acids; Anhydrides or salts thereof (thiurams A61K 31/145) [2]                            |
| A61K 31/327 | 1-Punkt Untergruppe | . Peroxy compounds, e.g. hydroperoxides, peroxides, peroxy acids [7]                                                    |
| A61K 31/33  | 1-Punkt Untergruppe | . Heterocyclic compounds [2]                                                                                            |
| A61K 31/335 | 2-Punkt Untergruppe | . . having oxygen as the only ring hetero atom, e.g. fungichromin [2]                                                   |
| A61K 31/336 | 3-Punkt Untergruppe | . . . having three-membered rings, e.g. oxirane, fumagillin [7]                                                         |
| A61K 31/337 | 3-Punkt Untergruppe | . . . having four-membered rings, e.g. taxol [7]                                                                        |
| A61K 31/34  | 3-Punkt Untergruppe | . . . having five-membered rings with one oxygen as the only ring hetero atom, e.g. isosorbide [2]                      |
| A61K 31/341 | 4-Punkt Untergruppe | . . . . not condensed with another ring, e.g. ranitidine, furosemide, bufetolol, muscarine [7]                          |
| A61K 31/343 | 4-Punkt Untergruppe | . . . . condensed with a carbocyclic ring, e.g. coumaran, bufuralol, befunolol, clobenfurol, amiodarone [7]             |

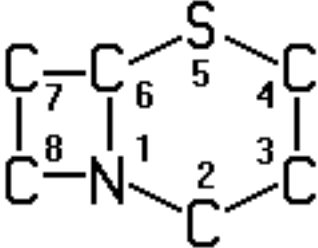
| Symbol       | Typ                 | Titel                                                                                                                                  |
|--------------|---------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| A61K 31/345  | 4-Punkt Untergruppe | . . . . Nitrofurans (nitrofurantoin A61K 31/4178) [2, 7]                                                                               |
| A61K 31/35   | 3-Punkt Untergruppe | . . . having six-membered rings with one oxygen as the only ring hetero atom [2]                                                       |
| A61K 31/351  | 4-Punkt Untergruppe | . . . . not condensed with another ring [7]                                                                                            |
| A61K 31/352  | 4-Punkt Untergruppe | . . . . condensed with carbocyclic rings, e.g. cannabinoids, methantheline [7]                                                         |
| A61K 31/353  | 5-Punkt Untergruppe | . . . . . 3,4-Dihydrobenzopyrans, e.g. chroman, catechin [7]                                                                           |
| A61K 31/355  | 6-Punkt Untergruppe | . . . . . Tocopherols, e.g. vitamin E [2]                                                                                              |
| A61K 31/357  | 3-Punkt Untergruppe | . . . having two or more oxygen atoms in the same ring, e.g. crown ethers, guanadrel [7]                                               |
| A61K 31/36   | 4-Punkt Untergruppe | . . . . Compounds containing methylenedioxyphenyl groups, e.g. sesamin [2]                                                             |
| A61K 31/365  | 3-Punkt Untergruppe | . . . Lactones [2]                                                                                                                     |
| A61K 31/366  | 4-Punkt Untergruppe | . . . . having six-membered rings, e.g. delta-lactones [7]                                                                             |
| A61K 31/37   | 5-Punkt Untergruppe | . . . . . Coumarins, e.g. psoralen [2]                                                                                                 |
| A61K 31/375  | 4-Punkt Untergruppe | . . . . Ascorbic acid, i.e. vitamin C; Salts thereof [2]                                                                               |
| A61K 31/38   | 2-Punkt Untergruppe | . . having sulfur as a ring hetero atom [2]                                                                                            |
| A61K 31/381  | 3-Punkt Untergruppe | . . . having five-membered rings [7]                                                                                                   |
| A61K 31/382  | 3-Punkt Untergruppe | . . . having six-membered rings, e.g. thioxanthenes (thiothixene A61K 31/496) [7]                                                      |
| A61K 31/385  | 3-Punkt Untergruppe | . . . having two or more sulfur atoms in the same ring [2]                                                                             |
| A61K 31/39   | 3-Punkt Untergruppe | . . . having oxygen atoms in the same ring [2]                                                                                         |
| A61K 31/395  | 2-Punkt Untergruppe | . . having nitrogen as a ring hetero atom, e.g. guanethidine, rifamycins (rifampin A61K 31/496) [2, 7]                                 |
| A61K 31/396  | 3-Punkt Untergruppe | . . . having three-membered rings, e.g. aziridine [7]                                                                                  |
| A61K 31/397  | 3-Punkt Untergruppe | . . . having four-membered rings, e.g. azetidine [7]                                                                                   |
| A61K 31/40   | 3-Punkt Untergruppe | . . . having five-membered rings with one nitrogen as the only ring hetero atom, e.g. sulpiride, succinimide, tolmetin, buflomedil [2] |
| A61K 31/401  | 4-Punkt Untergruppe | . . . . Proline; Derivatives thereof, e.g. captopril [7]                                                                               |
| A61K 31/4015 | 4-Punkt Untergruppe | . . . . having oxo groups directly attached to the heterocyclic ring, e.g. piracetam, ethosuximide [7]                                 |
| A61K 31/402  | 4-Punkt Untergruppe | . . . . 1-aryl-substituted, e.g. piretanide [7]                                                                                        |
| A61K 31/4025 | 4-Punkt Untergruppe | . . . . not condensed and containing further heterocyclic rings, e.g. cromakalim [7]                                                   |
| A61K 31/403  | 4-Punkt Untergruppe | . . . . condensed with carbocyclic rings, e.g. carbazole [7]                                                                           |
| A61K 31/4035 | 5-Punkt Untergruppe | . . . . . Isoindoles, e.g. phthalimide [7]                                                                                             |
| A61K 31/404  | 5-Punkt Untergruppe | . . . . . Indoles, e.g. pindolol [7]                                                                                                   |
| A61K 31/4045 | 6-Punkt Untergruppe | . . . . . Indole-alkylamines; Amides thereof, e.g. serotonin, melatonin [7]                                                            |
| A61K 31/405  | 6-Punkt Untergruppe | . . . . . Indole-alkanecarboxylic acids; Derivatives thereof, e.g. tryptophan, indomethacin [2]                                        |
| A61K 31/407  | 4-Punkt Untergruppe | . . . . condensed with heterocyclic ring systems, e.g. ketorolac, physostigmine [7]                                                    |

| Symbol       | Typ                 | Titel                                                                                                                       |
|--------------|---------------------|-----------------------------------------------------------------------------------------------------------------------------|
| A61K 31/409  | 4-Punkt Untergruppe | . . . . having four such rings, e.g. porphine derivatives, bilirubin, biliverdine (hemin, hematin A61K 31/555) [7]          |
| A61K 31/41   | 3-Punkt Untergruppe | . . . having five-membered rings with two or more ring hetero atoms, at least one of which is nitrogen, e.g. tetrazole [2]  |
| A61K 31/415  | 4-Punkt Untergruppe | . . . . 1,2-Diazoles [2, 7]                                                                                                 |
| A61K 31/4152 | 5-Punkt Untergruppe | . . . . . having oxo groups directly attached to the heterocyclic ring, e.g. antipyrine, phenylbutazone, sulfinpyrazone [7] |
| A61K 31/4155 | 5-Punkt Untergruppe | . . . . . not condensed and containing further heterocyclic rings [7]                                                       |
| A61K 31/416  | 5-Punkt Untergruppe | . . . . . condensed with carbocyclic ring systems, e.g. indazole [7]                                                        |
| A61K 31/4162 | 5-Punkt Untergruppe | . . . . . condensed with heterocyclic ring systems [7]                                                                      |
| A61K 31/4164 | 4-Punkt Untergruppe | . . . . 1,3-Diazoles [7]                                                                                                    |
| A61K 31/4166 | 5-Punkt Untergruppe | . . . . . having oxo groups directly attached to the heterocyclic ring, e.g. phenytoin [7]                                  |
| A61K 31/4168 | 5-Punkt Untergruppe | . . . . . having a nitrogen atom attached in position 2, e.g. clonidine [7]                                                 |
| A61K 31/417  | 5-Punkt Untergruppe | . . . . . Imidazole-alkylamines, e.g. histamine, phentolamine [7]                                                           |
| A61K 31/4172 | 5-Punkt Untergruppe | . . . . . Imidazole-alkanecarboxylic acids, e.g. histidine [7]                                                              |
| A61K 31/4174 | 5-Punkt Untergruppe | . . . . . Arylalkylimidazoles, e.g. oxymetazolin, naphazoline, miconazole [7]                                               |
| A61K 31/4178 | 5-Punkt Untergruppe | . . . . . not condensed and containing further heterocyclic rings, e.g. pilocarpine, nitrofurantoin [7]                     |
| A61K 31/4184 | 5-Punkt Untergruppe | . . . . . condensed with carbocyclic rings, e.g. benzimidazoles [7]                                                         |
| A61K 31/4188 | 5-Punkt Untergruppe | . . . . . condensed with heterocyclic ring systems, e.g. biotin, sorbinil [7]                                               |
| A61K 31/4192 | 4-Punkt Untergruppe | . . . . 1,2,3-Triazoles [7]                                                                                                 |
| A61K 31/4196 | 4-Punkt Untergruppe | . . . . 1,2,4-Triazoles [7]                                                                                                 |
| A61K 31/42   | 4-Punkt Untergruppe | . . . . Oxazoles [2, 7]                                                                                                     |
| A61K 31/421  | 5-Punkt Untergruppe | . . . . . 1,3-Oxazoles, e.g. pemoline, trimethadione [7]                                                                    |
| A61K 31/422  | 5-Punkt Untergruppe | . . . . . not condensed and containing further heterocyclic rings [7]                                                       |
| A61K 31/423  | 5-Punkt Untergruppe | . . . . . condensed with carbocyclic rings [7]                                                                              |
| A61K 31/424  | 5-Punkt Untergruppe | . . . . . condensed with heterocyclic ring systems, e.g. clavulanic acid [7]                                                |
| A61K 31/4245 | 4-Punkt Untergruppe | . . . . Oxadiazoles [7]                                                                                                     |
| A61K 31/425  | 4-Punkt Untergruppe | . . . . Thiazoles [2, 7]                                                                                                    |
| A61K 31/426  | 5-Punkt Untergruppe | . . . . . 1,3-Thiazoles [7]                                                                                                 |
| A61K 31/427  | 5-Punkt Untergruppe | . . . . . not condensed and containing further heterocyclic rings [7]                                                       |
| A61K 31/428  | 5-Punkt Untergruppe | . . . . . condensed with carbocyclic rings [7]                                                                              |
| A61K 31/429  | 5-Punkt Untergruppe | . . . . . condensed with heterocyclic ring systems [7]                                                                      |

| Symbol       | Typ                 | Titel                                                                                                                                                                                                                                                                                                                  |
|--------------|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| A61K 31/43   | 6-Punkt Untergruppe | <p>..... Compounds containing 4-thia-1-azabicyclo [3.2.0] heptane ring systems, i.e. compounds containing a</p> <div style="text-align: center;">  <p>ring system of the formula</p> </div> <p>, e.g. penicillins, penems [2, 6]</p> |
| A61K 31/431  | 7-Punkt Untergruppe | ..... containing further heterocyclic ring systems, e.g. ticarcillin, azlocillin, oxacillin [7]                                                                                                                                                                                                                        |
| A61K 31/433  | 4-Punkt Untergruppe | .... Thiadiazoles [7]                                                                                                                                                                                                                                                                                                  |
| A61K 31/435  | 3-Punkt Untergruppe | ... having six-membered rings with one nitrogen as the only ring hetero atom [2]                                                                                                                                                                                                                                       |
| A61K 31/4353 | 4-Punkt Untergruppe | .... ortho- or peri-condensed with heterocyclic ring systems [7]                                                                                                                                                                                                                                                       |
| A61K 31/4355 | 5-Punkt Untergruppe | ..... the heterocyclic ring system containing a five-membered ring having oxygen as a ring hetero atom [7]                                                                                                                                                                                                             |
| A61K 31/436  | 5-Punkt Untergruppe | ..... the heterocyclic ring system containing a six-membered ring having oxygen as a ring hetero atom, e.g. rapamycin [7]                                                                                                                                                                                              |
| A61K 31/4365 | 5-Punkt Untergruppe | ..... the heterocyclic ring system having sulfur as a ring hetero atom, e.g. ticlopidine [7]                                                                                                                                                                                                                           |
| A61K 31/437  | 5-Punkt Untergruppe | ..... the heterocyclic ring system containing a five-membered ring having nitrogen as a ring hetero atom, e.g. indolizine, beta-carboline [7]                                                                                                                                                                          |
| A61K 31/4375 | 5-Punkt Untergruppe | ..... the heterocyclic ring system containing a six-membered ring having nitrogen as a ring hetero atom, e.g. quinolizines, naphthyridines, berberine, vincamine [7]                                                                                                                                                   |
| A61K 31/438  | 4-Punkt Untergruppe | .... the ring being spiro-condensed with carbocyclic or heterocyclic ring systems [7]                                                                                                                                                                                                                                  |
| A61K 31/439  | 4-Punkt Untergruppe | .... the ring forming part of a bridged ring system, e.g. quinuclidine (8-azabicyclo [3.2.1] octanes A61K 31/46) [7]                                                                                                                                                                                                   |
| A61K 31/44   | 4-Punkt Untergruppe | .... Non-condensed pyridines; Hydrogenated derivatives thereof [2, 7]                                                                                                                                                                                                                                                  |
| A61K 31/4402 | 5-Punkt Untergruppe | ..... only substituted in position 2, e.g. pheniramine, bisacodyl [7]                                                                                                                                                                                                                                                  |
| A61K 31/4406 | 5-Punkt Untergruppe | ..... only substituted in position 3, e.g. zimeldine (nicotinic acid A61K 31/455) [7]                                                                                                                                                                                                                                  |
| A61K 31/4409 | 5-Punkt Untergruppe | ..... only substituted in position 4, e.g. isoniazid, iproniazid [7]                                                                                                                                                                                                                                                   |
| A61K 31/4412 | 5-Punkt Untergruppe | ..... having oxo groups directly attached to the heterocyclic ring [7]                                                                                                                                                                                                                                                 |
| A61K 31/4415 | 5-Punkt Untergruppe | ..... Pyridoxine, i.e. vitamin B <sub>6</sub> (pyridoxal phosphate A61K 31/675) [7]                                                                                                                                                                                                                                    |
| A61K 31/4418 | 5-Punkt Untergruppe | ..... having a carbocyclic ring directly attached to the heterocyclic ring, e.g. cyproheptadine [7]                                                                                                                                                                                                                    |
| A61K 31/4422 | 5-Punkt Untergruppe | ..... 1,4-Dihydropyridines, e.g. nifedipine, nicardipine [7]                                                                                                                                                                                                                                                           |
| A61K 31/4425 | 5-Punkt Untergruppe | ..... Pyridinium derivatives, e.g. pralidoxime, pyridostigmine [7]                                                                                                                                                                                                                                                     |
| A61K 31/4427 | 5-Punkt Untergruppe | ..... containing further heterocyclic ring systems [7]                                                                                                                                                                                                                                                                 |
| A61K 31/443  | 6-Punkt Untergruppe | ..... containing a five-membered ring with oxygen as a ring hetero atom [7]                                                                                                                                                                                                                                            |
| A61K 31/4433 | 6-Punkt Untergruppe | ..... containing a six-membered ring with oxygen as a ring hetero atom [7]                                                                                                                                                                                                                                             |
| A61K 31/4436 | 6-Punkt Untergruppe | ..... containing a heterocyclic ring having sulfur as a ring hetero atom [7]                                                                                                                                                                                                                                           |
| A61K 31/4439 | 6-Punkt Untergruppe | ..... containing a five-membered ring with nitrogen as a ring hetero atom, e.g. omeprazole (nicotine A61K 31/465) [7]                                                                                                                                                                                                  |

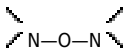
| Symbol       | Typ                 | Titel                                                                                                                                                    |
|--------------|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| A61K 31/444  | 6-Punkt Untergruppe | . . . . . containing a six-membered ring with nitrogen as a ring hetero atom, e.g. amrinone [7]                                                          |
| A61K 31/445  | 5-Punkt Untergruppe | . . . . . Non-condensed piperidines, e.g. piperocaine [2, 7]                                                                                             |
| A61K 31/4453 | 6-Punkt Untergruppe | . . . . . only substituted in position 1, e.g. propipocaine, diperodon [7]                                                                               |
| A61K 31/4458 | 6-Punkt Untergruppe | . . . . . only substituted in position 2, e.g. methylphenidate [7]                                                                                       |
| A61K 31/4462 | 6-Punkt Untergruppe | . . . . . only substituted in position 3 [7]                                                                                                             |
| A61K 31/4465 | 6-Punkt Untergruppe | . . . . . only substituted in position 4 [7]                                                                                                             |
| A61K 31/4468 | 6-Punkt Untergruppe | . . . . . having a nitrogen atom directly attached in position 4, e.g. clebopride, fentanyl [7]                                                          |
| A61K 31/45   | 6-Punkt Untergruppe | . . . . . having oxo groups directly attached to the heterocyclic ring, e.g. cycloheximide [2, 7]                                                        |
| A61K 31/451  | 6-Punkt Untergruppe | . . . . . having a carbocyclic ring directly attached to the heterocyclic ring, e.g. glutethimide, meperidine, loperamide, phencyclidine, piminodine [7] |
| A61K 31/4515 | 6-Punkt Untergruppe | . . . . . having a butyrophenone group in position 1, e.g. haloperidol (pipamperone A61K 31/4545) [7]                                                    |
| A61K 31/452  | 6-Punkt Untergruppe | . . . . . Piperidinium derivatives (pancuronium A61K 31/58) [7]                                                                                          |
| A61K 31/4523 | 6-Punkt Untergruppe | . . . . . containing further heterocyclic ring systems [7]                                                                                               |
| A61K 31/4525 | 7-Punkt Untergruppe | . . . . . containing a five-membered ring with oxygen as a ring hetero atom [7]                                                                          |
| A61K 31/453  | 7-Punkt Untergruppe | . . . . . containing a six-membered ring with oxygen as a ring hetero atom [7]                                                                           |
| A61K 31/4535 | 7-Punkt Untergruppe | . . . . . containing a heterocyclic ring having sulfur as a ring hetero atom, e.g. pizotifen [7]                                                         |
| A61K 31/454  | 7-Punkt Untergruppe | . . . . . containing a five-membered ring with nitrogen as a ring hetero atom, e.g. pimozide, domperidone [7]                                            |
| A61K 31/4545 | 7-Punkt Untergruppe | . . . . . containing a six-membered ring with nitrogen as a ring hetero atom, e.g. pipamperone, anabasine [7]                                            |
| A61K 31/455  | 5-Punkt Untergruppe | . . . . . Nicotinic acid, i.e. niacin; Derivatives thereof, e.g. esters, amides [2]                                                                      |
| A61K 31/46   | 4-Punkt Untergruppe | . . . . . 8-Azabicyclo [3.2.1] octane; Derivatives thereof, e.g. atropine, cocaine [2]                                                                   |
| A61K 31/465  | 4-Punkt Untergruppe | . . . . . Nicotine; Derivatives thereof [2]                                                                                                              |
| A61K 31/47   | 4-Punkt Untergruppe | . . . . . Quinolines; Isoquinolines [2]                                                                                                                  |
| A61K 31/4704 | 5-Punkt Untergruppe | . . . . . 2-Quinolinones, e.g. carbostyryl [7]                                                                                                           |
| A61K 31/4706 | 5-Punkt Untergruppe | . . . . . 4-Aminoquinolines; 8-Aminoquinolines, e.g. chloroquine, primaquine [7]                                                                         |
| A61K 31/4709 | 5-Punkt Untergruppe | . . . . . Non-condensed quinolines containing further heterocyclic rings [7]                                                                             |
| A61K 31/472  | 5-Punkt Untergruppe | . . . . . Non-condensed isoquinolines, e.g. papaverine [7]                                                                                               |
| A61K 31/4725 | 6-Punkt Untergruppe | . . . . . containing further heterocyclic rings [7]                                                                                                      |
| A61K 31/473  | 5-Punkt Untergruppe | . . . . . ortho- or peri-condensed with carbocyclic ring systems, e.g. acridines, phenanthridines [7]                                                    |
| A61K 31/4738 | 5-Punkt Untergruppe | . . . . . ortho- or peri-condensed with heterocyclic ring systems [7]                                                                                    |
| A61K 31/4741 | 6-Punkt Untergruppe | . . . . . condensed with ring systems having oxygen as a ring hetero atom, e.g. tubocuraran derivatives, noscapine, bicuculline [7]                      |
| A61K 31/4743 | 6-Punkt Untergruppe | . . . . . condensed with ring systems having sulfur as a ring hetero atom [7]                                                                            |

| Symbol       | Typ                 | Titel                                                                                                                                                                                   |
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| A61K 31/4745 | 6-Punkt Untergruppe | . . . . . condensed with ring systems having nitrogen as a ring hetero atom, e.g. phenanthrolines (yohimbine derivatives, vinblastine A61K 31/475; ergoline derivatives A61K 31/48) [7] |
| A61K 31/4747 | 5-Punkt Untergruppe | . . . . . spiro-condensed [7]                                                                                                                                                           |
| A61K 31/4748 | 5-Punkt Untergruppe | . . . . . forming part of bridged ring systems (strychnine A61K 31/475; morphinan derivatives A61K 31/485) [7]                                                                          |
| A61K 31/475  | 5-Punkt Untergruppe | . . . . . having an indole ring, e.g. yohimbine, reserpine, strychnine, vinblastine (vincamine A61K 31/4375) [2, 7]                                                                     |
| A61K 31/48   | 5-Punkt Untergruppe | . . . . . Ergoline derivatives, e.g. lysergic acid, ergotamine [2, 7]                                                                                                                   |
| A61K 31/485  | 5-Punkt Untergruppe | . . . . . Morphinan derivatives, e.g. morphine, codeine [2, 7]                                                                                                                          |
| A61K 31/49   | 5-Punkt Untergruppe | . . . . . Cinchonan derivatives, e.g. quinine [2, 7]                                                                                                                                    |
| A61K 31/495  | 3-Punkt Untergruppe | . . . having six-membered rings with two nitrogen atoms as the only ring hetero atoms, e.g. piperazine (A61K 31/48 takes precedence) [2]                                                |
| A61K 31/496  | 4-Punkt Untergruppe | . . . . Non-condensed piperazines containing further heterocyclic rings, e.g. rifampin, thiothixene [7]                                                                                 |
| A61K 31/4965 | 4-Punkt Untergruppe | . . . . Non-condensed pyrazines [7]                                                                                                                                                     |
| A61K 31/497  | 5-Punkt Untergruppe | . . . . . containing further heterocyclic rings [7]                                                                                                                                     |
| A61K 31/498  | 4-Punkt Untergruppe | . . . . Pyrazines or piperazines ortho- or peri-condensed with carbocyclic ring systems, e.g. quinoxaline, phenazine [7]                                                                |
| A61K 31/4985 | 4-Punkt Untergruppe | . . . . Pyrazines or piperazines ortho- or peri-condensed with heterocyclic ring systems [7]                                                                                            |
| A61K 31/499  | 4-Punkt Untergruppe | . . . . Spiro-condensed pyrazines or piperazines [7]                                                                                                                                    |
| A61K 31/4995 | 4-Punkt Untergruppe | . . . . Pyrazines or piperazines forming part of bridged ring systems [7]                                                                                                               |
| A61K 31/50   | 4-Punkt Untergruppe | . . . . Pyridazines; Hydrogenated pyridazines [2, 7]                                                                                                                                    |
| A61K 31/501  | 5-Punkt Untergruppe | . . . . . not condensed and containing further heterocyclic rings [7]                                                                                                                   |
| A61K 31/502  | 5-Punkt Untergruppe | . . . . . ortho- or peri-condensed with carbocyclic ring systems, e.g. cinnoline, phthalazine [7]                                                                                       |
| A61K 31/5025 | 5-Punkt Untergruppe | . . . . . ortho- or peri-condensed with heterocyclic ring systems [7]                                                                                                                   |
| A61K 31/503  | 5-Punkt Untergruppe | . . . . . spiro-condensed [7]                                                                                                                                                           |
| A61K 31/504  | 5-Punkt Untergruppe | . . . . . forming part of bridged ring systems [7]                                                                                                                                      |
| A61K 31/505  | 4-Punkt Untergruppe | . . . . Pyrimidines; Hydrogenated pyrimidines, e.g. trimethoprim [2, 7]                                                                                                                 |
| A61K 31/506  | 5-Punkt Untergruppe | . . . . . not condensed and containing further heterocyclic rings [7]                                                                                                                   |
| A61K 31/51   | 6-Punkt Untergruppe | . . . . . Thiamines, e.g. vitamin B <sub>1</sub> [2]                                                                                                                                    |
| A61K 31/513  | 5-Punkt Untergruppe | . . . . . having oxo groups directly attached to the heterocyclic ring, e.g. cytosine [7]                                                                                               |
| A61K 31/515  | 6-Punkt Untergruppe | . . . . . Barbituric acids; Derivatives thereof, e.g. sodium pentobarbital [2]                                                                                                          |
| A61K 31/517  | 5-Punkt Untergruppe | . . . . . ortho- or peri-condensed with carbocyclic ring systems, e.g. quinazoline, perimidine [7]                                                                                      |
| A61K 31/519  | 5-Punkt Untergruppe | . . . . . ortho- or peri-condensed with heterocyclic rings [7]                                                                                                                          |
| A61K 31/52   | 6-Punkt Untergruppe | . . . . . Purines, e.g. adenine [2, 7]                                                                                                                                                  |

| Symbol       | Typ                 | Titel                                                                                                                                                                          |
|--------------|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| A61K 31/522  | 7-Punkt Untergruppe | . . . . . having oxo groups directly attached to the heterocyclic ring, e.g. hypoxanthine, guanine, acyclovir [7]                                                              |
| A61K 31/525  | 6-Punkt Untergruppe | . . . . . Isoalloxazines, e.g. riboflavins, vitamin B <sub>2</sub> [2]                                                                                                         |
| A61K 31/527  | 5-Punkt Untergruppe | . . . . . spiro-condensed [7]                                                                                                                                                  |
| A61K 31/529  | 5-Punkt Untergruppe | . . . . . forming part of bridged ring systems [7]                                                                                                                             |
| A61K 31/53   | 3-Punkt Untergruppe | . . . having six-membered rings with three nitrogens as the only ring hetero atoms, e.g. chlorazaniil, melamine (melarsoprol A61K 31/555) [2]                                  |
| A61K 31/535  | 3-Punkt Untergruppe | . . . having six-membered rings with at least one nitrogen and at least one oxygen as the ring hetero atoms, e.g. 1,2-oxazines [2]                                             |
| A61K 31/5355 | 4-Punkt Untergruppe | . . . . Non-condensed oxazines containing further heterocyclic rings [7]                                                                                                       |
| A61K 31/536  | 4-Punkt Untergruppe | . . . . ortho- or peri-condensed with carbocyclic ring systems [7]                                                                                                             |
| A61K 31/5365 | 4-Punkt Untergruppe | . . . . ortho- or peri-condensed with heterocyclic ring systems [7]                                                                                                            |
| A61K 31/537  | 4-Punkt Untergruppe | . . . . spiro-condensed or forming part of bridged ring systems [7]                                                                                                            |
| A61K 31/5375 | 4-Punkt Untergruppe | . . . . 1,4-Oxazines, e.g. morpholine [7]                                                                                                                                      |
| A61K 31/5377 | 5-Punkt Untergruppe | . . . . . not condensed and containing further heterocyclic rings, e.g. timolol [7]                                                                                            |
| A61K 31/538  | 5-Punkt Untergruppe | . . . . . ortho- or peri-condensed with carbocyclic ring systems [7]                                                                                                           |
| A61K 31/5383 | 5-Punkt Untergruppe | . . . . . ortho- or peri-condensed with heterocyclic ring systems [7]                                                                                                          |
| A61K 31/5386 | 5-Punkt Untergruppe | . . . . . spiro-condensed or forming part of bridged ring systems [7]                                                                                                          |
| A61K 31/539  | 4-Punkt Untergruppe | . . . . having two or more oxygen atoms in the same ring, e.g. dioxazines [7]                                                                                                  |
| A61K 31/5395 | 4-Punkt Untergruppe | . . . . having two or more nitrogen atoms in the same ring, e.g. oxadiazines [7]                                                                                               |
| A61K 31/54   | 3-Punkt Untergruppe | . . . having six-membered rings with at least one nitrogen and at least one sulfur as the ring hetero atoms, e.g. sulthiame [2]                                                |
| A61K 31/541  | 4-Punkt Untergruppe | . . . . Non-condensed thiazines containing further heterocyclic rings [7]                                                                                                      |
| A61K 31/5415 | 4-Punkt Untergruppe | . . . . ortho- or peri-condensed with carbocyclic ring systems, e.g. phenothiazine, chlorpromazine, piroxicam [7]                                                              |
| A61K 31/542  | 4-Punkt Untergruppe | . . . . ortho- or peri-condensed with heterocyclic ring systems [7]                                                                                                            |
| A61K 31/545  | 5-Punkt Untergruppe | . . . . . Compounds containing 5-thia-1-azabicyclo [4.2.0] octane ring systems, i.e. compounds containing a                                                                    |
|              |                     |  <p>ring system of the formula<br/>cephalexine [2, 6] , e.g. cephalosporins, cefaclor,</p> |
| A61K 31/546  | 6-Punkt Untergruppe | . . . . . containing further heterocyclic rings, e.g. cephalothin [7]                                                                                                          |
| A61K 31/547  | 4-Punkt Untergruppe | . . . . spiro-condensed or forming part of bridged ring systems [7]                                                                                                            |

| Symbol       | Typ                 | Titel                                                                                                                              |
|--------------|---------------------|------------------------------------------------------------------------------------------------------------------------------------|
| A61K 31/548  | 4-Punkt Untergruppe | . . . . having two or more sulfur atoms in the same ring [7]                                                                       |
| A61K 31/549  | 4-Punkt Untergruppe | . . . . having two or more nitrogen atoms in the same ring, e.g. hydrochlorothiazide [7]                                           |
| A61K 31/55   | 3-Punkt Untergruppe | . . . having seven-membered rings, e.g. azelastine, pentylenetetrazole [2]                                                         |
| A61K 31/551  | 4-Punkt Untergruppe | . . . . having two nitrogens as ring hetero atoms, e.g. clozapine, dilazep [7]                                                     |
| A61K 31/5513 | 5-Punkt Untergruppe | . . . . . 1,4-Benzodiazepines, e.g. diazepam [7]                                                                                   |
| A61K 31/5517 | 6-Punkt Untergruppe | . . . . . condensed with five-membered rings having nitrogen as a ring hetero atom, e.g. imidazobenzodiazepines, triazolam [7]     |
| A61K 31/553  | 4-Punkt Untergruppe | . . . . having at least one nitrogen and at least one oxygen as ring hetero atoms, e.g. loxapine, staurosporine [7]                |
| A61K 31/554  | 4-Punkt Untergruppe | . . . . having at least one nitrogen and at least one sulfur as ring hetero atoms, e.g. clothiapine, diltiazem [7]                 |
| A61K 31/555  | 2-Punkt Untergruppe | . . containing heavy metals, e.g. hemin, hematin, melarsoprol [2]                                                                  |
| A61K 31/557  | 1-Punkt Untergruppe | . Eicosanoids, e.g. leukotrienes [3, 7]                                                                                            |
| A61K 31/5575 | 2-Punkt Untergruppe | . . having a cyclopentane ring, e.g. prostaglandin E <sub>2</sub> , prostaglandin F <sub>2-alpha</sub> [7]                         |
| A61K 31/5578 | 2-Punkt Untergruppe | . . having a pentalene ring system, e.g. carbacyclin, iloprost [7]                                                                 |
| A61K 31/558  | 2-Punkt Untergruppe | . . having heterocyclic rings containing oxygen as the only ring hetero atom, e.g. thromboxanes [7]                                |
| A61K 31/5585 | 3-Punkt Untergruppe | . . . having five-membered rings containing oxygen as the only ring hetero atom, e.g. prostacyclin [7]                             |
| A61K 31/559  | 2-Punkt Untergruppe | . . having heterocyclic rings containing hetero atoms other than oxygen [7]                                                        |
| A61K 31/56   | 1-Punkt Untergruppe | . Compounds containing cyclopenta[a]hydrophenanthrene ring systems; Derivatives thereof, e.g. steroids [4, 7]                      |
| A61K 31/565  | 2-Punkt Untergruppe | . . not substituted in position 17 beta by a carbon atom, e.g. oestrane, oestradiol [2]                                            |
| A61K 31/566  | 3-Punkt Untergruppe | . . . having an oxo group in position 17, e.g. oestrone [7]                                                                        |
| A61K 31/567  | 3-Punkt Untergruppe | . . . substituted in position 17 alpha, e.g. mestranol, norethandrolone [7]                                                        |
| A61K 31/568  | 3-Punkt Untergruppe | . . . substituted in positions 10 and 13 by a chain having at least one carbon atom, e.g. androstane, testosterone [7]             |
| A61K 31/5685 | 4-Punkt Untergruppe | . . . . having an oxo group in position 17, e.g. androsterone [7]                                                                  |
| A61K 31/569  | 4-Punkt Untergruppe | . . . . substituted in position 17 alpha, e.g. ethisterone [7]                                                                     |
| A61K 31/57   | 2-Punkt Untergruppe | . . substituted in position 17 beta by a chain of two carbon atoms, e.g. pregnane, progesterone [2]                                |
| A61K 31/573  | 3-Punkt Untergruppe | . . . substituted in position 21, e.g. cortisone, dexamethasone, prednisone [7]                                                    |
| A61K 31/575  | 2-Punkt Untergruppe | . . substituted in position 17 beta by a chain of three or more carbon atoms, e.g. cholane, cholestane, ergosterol, sitosterol [2] |
| A61K 31/58   | 2-Punkt Untergruppe | . . containing heterocyclic rings, e.g. aldosterone, danazol, stanozolol, pancuronium, digitogenin (digitoxin A61K 31/704) [2, 7]  |
| A61K 31/585  | 3-Punkt Untergruppe | . . . containing lactone rings, e.g. oxandrolone, bufalin [2]                                                                      |
| A61K 31/59   | 1-Punkt Untergruppe | . Compounds containing 9,10-seco-cyclopenta[a]hydro- phenanthrene ring systems [2]                                                 |
| A61K 31/592  | 2-Punkt Untergruppe | . . 9,10-Secoergostane derivatives, e.g. ergocalciferol, vitamin D <sub>2</sub> [7]                                                |



| Symbol       | Typ                 | Titel                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|--------------|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| A61K 31/593  | 2-Punkt Untergruppe | . . 9,10-Secocholestane derivatives, e.g. cholecalciferol, vitamin D <sub>3</sub> [7]                                                                                                                                                                                                                                                                                                                                                                      |
| A61K 31/60   | 1-Punkt Untergruppe | . Salicylic acid; Derivatives thereof [2]                                                                                                                                                                                                                                                                                                                                                                                                                  |
| A61K 31/603  | 2-Punkt Untergruppe | . . having further aromatic rings, e.g. diflunisal [7]                                                                                                                                                                                                                                                                                                                                                                                                     |
| A61K 31/606  | 2-Punkt Untergruppe | . . having amino groups [7]                                                                                                                                                                                                                                                                                                                                                                                                                                |
| A61K 31/609  | 2-Punkt Untergruppe | . . Amides, e.g. salicylamide [7]                                                                                                                                                                                                                                                                                                                                                                                                                          |
| A61K 31/612  | 2-Punkt Untergruppe | . . having the hydroxy group in position 2 esterified, e.g. salicylsulfuric acid (fosfosal A61K 31/661) [7]                                                                                                                                                                                                                                                                                                                                                |
| A61K 31/616  | 3-Punkt Untergruppe | . . . by carboxylic acids, e.g. acetylsalicylic acid [7]                                                                                                                                                                                                                                                                                                                                                                                                   |
| A61K 31/618  | 2-Punkt Untergruppe | . . having the carboxyl group in position 1 esterified, e.g. salsalate [7]                                                                                                                                                                                                                                                                                                                                                                                 |
| A61K 31/621  | 3-Punkt Untergruppe | . . . having the hydroxy group in position 2 esterified, e.g. benorylate [7]                                                                                                                                                                                                                                                                                                                                                                               |
| A61K 31/625  | 2-Punkt Untergruppe | . . having heterocyclic substituents, e.g. 4-salicyloylmorpholine (sulfasalazine A61K 31/635) [2, 7]                                                                                                                                                                                                                                                                                                                                                       |
| A61K 31/63   | 1-Punkt Untergruppe | . Compounds containing para-N-benzene- sulfonyl-N-groups, e.g. sulfanilamide, p-nitrobenzenesulfonohydrazide [2]                                                                                                                                                                                                                                                                                                                                           |
| A61K 31/635  | 2-Punkt Untergruppe | . . having a heterocyclic ring, e.g. sulfasalazine [2]                                                                                                                                                                                                                                                                                                                                                                                                     |
| A61K 31/64   | 1-Punkt Untergruppe | . Sulfonylureas, e.g. glibenclamide, tolbutamide, chlorpropamide [2]                                                                                                                                                                                                                                                                                                                                                                                       |
| A61K 31/65   | 1-Punkt Untergruppe | . Tetracyclines [2]                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| A61K 31/655  | 1-Punkt Untergruppe | . Azo ( $-\text{N}=\text{N}-$ ), diazo ( $=\text{N}_2$ ), azoxy (  or $\text{N}(=\text{O})-\text{N}$  ), azido ( $-\text{N}_3$ ) or diazoamino ( $-\text{N}=\text{N}-\text{N}$  ) compounds [2] |
| A61K 31/66   | 1-Punkt Untergruppe | . Phosphorus compounds [2]                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| A61K 31/661  | 2-Punkt Untergruppe | . . Phosphorus acids or esters thereof not having P—C bonds, e.g. fosfosal, dichlorvos, malathion [7]                                                                                                                                                                                                                                                                                                                                                      |
| A61K 31/6615 | 3-Punkt Untergruppe | . . . Compounds having two or more esterified phosphorus acid groups, e.g. inositol triphosphate, phytic acid [7]                                                                                                                                                                                                                                                                                                                                          |
| A61K 31/662  | 2-Punkt Untergruppe | . . Phosphorus acids or esters thereof having P—C bonds, e.g. foscarnet, trichlorfon [7]                                                                                                                                                                                                                                                                                                                                                                   |
| A61K 31/663  | 3-Punkt Untergruppe | . . . Compounds having two or more phosphorus acid groups or esters thereof, e.g. clodronic acid, pamidronic acid [7]                                                                                                                                                                                                                                                                                                                                      |
| A61K 31/664  | 2-Punkt Untergruppe | . . Amides of phosphorus acids [7]                                                                                                                                                                                                                                                                                                                                                                                                                         |
| A61K 31/665  | 2-Punkt Untergruppe | . . having oxygen as a ring hetero atom, e.g. fosfomycin [2]                                                                                                                                                                                                                                                                                                                                                                                               |
| A61K 31/67   | 2-Punkt Untergruppe | . . having sulfur as a ring hetero atom [2]                                                                                                                                                                                                                                                                                                                                                                                                                |
| A61K 31/675  | 2-Punkt Untergruppe | . . having nitrogen as a ring hetero atom, e.g. pyridoxal phosphate [2]                                                                                                                                                                                                                                                                                                                                                                                    |
| A61K 31/683  | 2-Punkt Untergruppe | . . Diesters of a phosphorus acid with two hydroxy compounds, e.g. phosphatidylinositols [7]                                                                                                                                                                                                                                                                                                                                                               |
| A61K 31/685  | 3-Punkt Untergruppe | . . . one of the hydroxy compounds having nitrogen atoms, e.g. phosphatidylserine, lecithin [2, 7]                                                                                                                                                                                                                                                                                                                                                         |
| A61K 31/688  | 3-Punkt Untergruppe | . . . both hydroxy compounds having nitrogen atoms, e.g. sphingomyelins [7]                                                                                                                                                                                                                                                                                                                                                                                |
| A61K 31/69   | 1-Punkt Untergruppe | . Boron compounds [2]                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| A61K 31/695  | 1-Punkt Untergruppe | . Silicon compounds [2]                                                                                                                                                                                                                                                                                                                                                                                                                                    |

| Symbol       | Typ                 | Titel                                                                                                                                                                                                                                               |
|--------------|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| A61K 31/70   | 1-Punkt Untergruppe | . Carbohydrates; Sugars; Derivatives thereof (sorbitol A61K 31/047) [2, 7]                                                                                                                                                                          |
| A61K 31/7004 | 2-Punkt Untergruppe | . . Monosaccharides having only carbon, hydrogen and oxygen atoms [7]                                                                                                                                                                               |
| A61K 31/7008 | 2-Punkt Untergruppe | . . Compounds having an amino group directly attached to a carbon atom of the saccharide radical, e.g. D-galactosamine, ranimustine [7]                                                                                                             |
| A61K 31/7012 | 2-Punkt Untergruppe | . . Compounds having a free or esterified carboxyl group attached, directly or through a carbon chain, to a carbon atom of the saccharide radical, e.g. glucuronic acid, neuraminic acid (gluconic acid A61K 31/191; ascorbic acid A61K 31/375) [7] |
| A61K 31/7016 | 2-Punkt Untergruppe | . . Disaccharides, e.g. lactose, lactulose (lactobionic acid A61K 31/7032) [7]                                                                                                                                                                      |
| A61K 31/702  | 2-Punkt Untergruppe | . . Oligosaccharides, i.e. having three to five saccharide radicals attached to each other by glycosidic linkages [7]                                                                                                                               |
| A61K 31/7024 | 2-Punkt Untergruppe | . . Esters of saccharides [7]                                                                                                                                                                                                                       |
| A61K 31/7028 | 2-Punkt Untergruppe | . . Compounds having saccharide radicals attached to non-saccharide compounds by glycosidic linkages [7]                                                                                                                                            |
| A61K 31/7032 | 3-Punkt Untergruppe | . . . attached to a polyol, i.e. compounds having two or more free or esterified hydroxy groups, including the hydroxy group involved in the glycosidic linkage, e.g. monoglucosyl-diacylglycerides, lactobionic acid, gangliosides [7]             |
| A61K 31/7034 | 3-Punkt Untergruppe | . . . attached to a carbocyclic compound, e.g. phloridzin [7]                                                                                                                                                                                       |
| A61K 31/7036 | 4-Punkt Untergruppe | . . . . having at least one amino group directly attached to the carbocyclic ring, e.g. streptomycin, gentamycin, amikacin, validamycin, fortimicins [7]                                                                                            |
| A61K 31/704  | 4-Punkt Untergruppe | . . . . attached to a condensed carbocyclic ring system, e.g. sennosides, thiocolchicosides, escin, daunorubicin, digitoxin [7]                                                                                                                     |
| A61K 31/7042 | 2-Punkt Untergruppe | . . Compounds having saccharide radicals and heterocyclic rings [7]                                                                                                                                                                                 |
| A61K 31/7048 | 3-Punkt Untergruppe | . . . having oxygen as a ring hetero atom, e.g. leucoglucosan, hesperidin, erythromycin, nystatin [7]                                                                                                                                               |
| A61K 31/7052 | 3-Punkt Untergruppe | . . . having nitrogen as a ring hetero atom, e.g. nucleosides, nucleotides [7]                                                                                                                                                                      |
| A61K 31/7056 | 4-Punkt Untergruppe | . . . . containing five-membered rings with nitrogen as a ring hetero atom [7]                                                                                                                                                                      |
| A61K 31/706  | 4-Punkt Untergruppe | . . . . containing six-membered rings with nitrogen as a ring hetero atom [7]                                                                                                                                                                       |
| A61K 31/7064 | 5-Punkt Untergruppe | . . . . . containing condensed or non-condensed pyrimidines [7]                                                                                                                                                                                     |
| A61K 31/7068 | 6-Punkt Untergruppe | . . . . . having oxo groups directly attached to the pyrimidine ring, e.g. cytidine, cytidylic acid [7]                                                                                                                                             |
| A61K 31/7072 | 7-Punkt Untergruppe | . . . . . having two oxo groups directly attached to the pyrimidine ring, e.g. uridine, uridylic acid, thymidine, zidovudine [7]                                                                                                                    |
| A61K 31/7076 | 6-Punkt Untergruppe | . . . . . containing purines, e.g. adenosine, adenylic acid [7]                                                                                                                                                                                     |
| A61K 31/708  | 7-Punkt Untergruppe | . . . . . having oxo groups directly attached to the purine ring system, e.g. guanosine, guanylic acid [7]                                                                                                                                          |
| A61K 31/7084 | 2-Punkt Untergruppe | . . Compounds having two nucleosides or nucleotides, e.g. nicotinamide-adenine dinucleotide, flavine-adenine dinucleotide [7]                                                                                                                       |
| A61K 31/7088 | 2-Punkt Untergruppe | . . Compounds having three or more nucleosides or nucleotides [7]                                                                                                                                                                                   |
| A61K 31/7105 | 3-Punkt Untergruppe | . . . Natural ribonucleic acids, i.e. containing only riboses attached to adenine, guanine, cytosine or uracil and having 3'-5' phosphodiester links [7]                                                                                            |
| A61K 31/711  | 3-Punkt Untergruppe | . . . Natural deoxyribonucleic acids, i.e. containing only 2'-deoxyriboses attached to adenine, guanine, cytosine or thymine and having 3'-5' phosphodiester links [7]                                                                              |

| Symbol       | Typ                 | Titel                                                                                                                                                           |
|--------------|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| A61K 31/7115 | 3-Punkt Untergruppe | . . . Nucleic acids or oligonucleotides having modified bases, i.e. other than adenine, guanine, cytosine, uracil or thymine [7]                                |
| A61K 31/712  | 3-Punkt Untergruppe | . . . Nucleic acids or oligonucleotides having modified sugars, i.e. other than ribose or 2'-deoxyribose [7]                                                    |
| A61K 31/7125 | 3-Punkt Untergruppe | . . . Nucleic acids or oligonucleotides having modified internucleoside linkage, i.e. other than 3'-5' phosphodiester [7]                                       |
| A61K 31/713  | 3-Punkt Untergruppe | . . . Double-stranded nucleic acids or oligonucleotides [7]                                                                                                     |
| A61K 31/7135 | 2-Punkt Untergruppe | . . Compounds containing heavy metals [7]                                                                                                                       |
| A61K 31/714  | 3-Punkt Untergruppe | . . . Cobalamins, e.g. cyanocobalamin, vitamin B <sub>12</sub> [7]                                                                                              |
| A61K 31/715  | 2-Punkt Untergruppe | . . Polysaccharides, i.e. having more than five saccharide radicals attached to each other by glycosidic linkages; Derivatives thereof, e.g. ethers, esters [2] |
| A61K 31/716  | 3-Punkt Untergruppe | . . . Glucans [7]                                                                                                                                               |
| A61K 31/717  | 4-Punkt Untergruppe | . . . . Celluloses [7]                                                                                                                                          |
| A61K 31/718  | 4-Punkt Untergruppe | . . . . Starch or degraded starch, e.g. amylose, amylopectin [7]                                                                                                |
| A61K 31/719  | 4-Punkt Untergruppe | . . . . Pullulans [7]                                                                                                                                           |
| A61K 31/721  | 4-Punkt Untergruppe | . . . . Dextrans [7]                                                                                                                                            |
| A61K 31/722  | 4-Punkt Untergruppe | . . . . Chitin; Chitosan [7]                                                                                                                                    |
| A61K 31/723  | 4-Punkt Untergruppe | . . . . Xanthans [7]                                                                                                                                            |
| A61K 31/724  | 4-Punkt Untergruppe | . . . . Cyclodextrins [7]                                                                                                                                       |
| A61K 31/726  | 3-Punkt Untergruppe | . . . Glycosaminoglycans, i.e. mucopolysaccharides (chondroitin sulfate, dermatan sulfate A61K 31/737) [7]                                                      |
| A61K 31/727  | 4-Punkt Untergruppe | . . . . Heparin; Heparan [7]                                                                                                                                    |
| A61K 31/728  | 4-Punkt Untergruppe | . . . . Hyaluronic acid [7]                                                                                                                                     |
| A61K 31/729  | 3-Punkt Untergruppe | . . . Agar; Agarose; Agaropectin [7]                                                                                                                            |
| A61K 31/731  | 3-Punkt Untergruppe | . . . Carrageenans [7]                                                                                                                                          |
| A61K 31/732  | 3-Punkt Untergruppe | . . . Pectin [7]                                                                                                                                                |
| A61K 31/733  | 3-Punkt Untergruppe | . . . Fructosans, e.g. inulin [7]                                                                                                                               |
| A61K 31/734  | 3-Punkt Untergruppe | . . . Alginic acid [7]                                                                                                                                          |
| A61K 31/736  | 3-Punkt Untergruppe | . . . Glucomannans or galactomannans, e.g. locust bean gum, guar gum [7]                                                                                        |
| A61K 31/737  | 3-Punkt Untergruppe | . . . Sulfated polysaccharides, e.g. chondroitin sulfate, dermatan sulfate (A61K 31/727 takes precedence) [7]                                                   |
| A61K 31/738  | 3-Punkt Untergruppe | . . . Cross-linked polysaccharides [7]                                                                                                                          |
| A61K 31/739  | 3-Punkt Untergruppe | . . . Lipopolysaccharides [7]                                                                                                                                   |
| A61K 31/74   | 1-Punkt Untergruppe | . Synthetic polymeric materials [2]                                                                                                                             |
| A61K 31/745  | 2-Punkt Untergruppe | . . Polymers of hydrocarbons [2]                                                                                                                                |
| A61K 31/75   | 3-Punkt Untergruppe | . . . of ethene [2]                                                                                                                                             |

| Symbol            | Typ                 | Titel                                                                                       |
|-------------------|---------------------|---------------------------------------------------------------------------------------------|
| A61K 31/755       | 2-Punkt Untergruppe | . . Polymers containing halogen [2]                                                         |
| A61K 31/76        | 3-Punkt Untergruppe | . . . of vinyl chloride [2]                                                                 |
| A61K 31/765       | 2-Punkt Untergruppe | . . Polymers containing oxygen [2]                                                          |
| A61K 31/77        | 3-Punkt Untergruppe | . . . of oxiranes [2]                                                                       |
| A61K 31/775       | 3-Punkt Untergruppe | . . . Phenolic resins [2]                                                                   |
| A61K 31/78        | 3-Punkt Untergruppe | . . . of acrylic acid or derivatives thereof [2]                                            |
| A61K 31/785       | 2-Punkt Untergruppe | . . Polymers containing nitrogen [2]                                                        |
| A61K 31/787       | 3-Punkt Untergruppe | . . . containing heterocyclic rings having nitrogen as a ring hetero atom [7]               |
| A61K 31/79        | 4-Punkt Untergruppe | . . . . Polymers of vinyl pyrrolidone [2]                                                   |
| A61K 31/795       | 2-Punkt Untergruppe | . . Polymers containing sulfur [2]                                                          |
| A61K 31/80        | 2-Punkt Untergruppe | . . Polymers containing hetero atoms not provided for in groups A61K 31/755-A61K 31/795 [2] |
| <b>A61K 33/00</b> | <b>Hauptgruppe</b>  | <b>Medicinal preparations containing inorganic active ingredients [2]</b>                   |
| A61K 33/02        | 1-Punkt Untergruppe | . Ammonia; Compounds thereof [2]                                                            |
| A61K 33/04        | 1-Punkt Untergruppe | . Sulfur, selenium or tellurium; Compounds thereof [2]                                      |
| A61K 33/06        | 1-Punkt Untergruppe | . Aluminium, calcium or magnesium; Compounds thereof [2]                                    |
| A61K 33/08        | 2-Punkt Untergruppe | . . Oxides; Hydroxides [2]                                                                  |
| A61K 33/10        | 2-Punkt Untergruppe | . . Carbonates; Bicarbonates [2]                                                            |
| A61K 33/12        | 2-Punkt Untergruppe | . . Magnesium silicate [2]                                                                  |
| A61K 33/14        | 1-Punkt Untergruppe | . Alkali metal chlorides; Alkaline earth metal chlorides [2]                                |
| A61K 33/16        | 1-Punkt Untergruppe | . Fluorine compounds [2]                                                                    |
| A61K 33/18        | 1-Punkt Untergruppe | . Iodine; Compounds thereof [2]                                                             |
| A61K 33/20        | 1-Punkt Untergruppe | . Elemental chlorine; Inorganic compounds releasing chlorine [2]                            |
| A61K 33/22        | 1-Punkt Untergruppe | . Boron compounds [2]                                                                       |
| A61K 33/24        | 1-Punkt Untergruppe | . Heavy metals; Compounds thereof [2]                                                       |
| A61K 33/26        | 2-Punkt Untergruppe | . . Iron; Compounds thereof [2]                                                             |
| A61K 33/28        | 2-Punkt Untergruppe | . . Mercury; Compounds thereof [2]                                                          |
| A61K 33/30        | 2-Punkt Untergruppe | . . Zinc; Compounds thereof [2]                                                             |
| A61K 33/32        | 2-Punkt Untergruppe | . . Manganese; Compounds thereof [2]                                                        |
| A61K 33/34        | 2-Punkt Untergruppe | . . Copper; Compounds thereof [2]                                                           |
| A61K 33/36        | 2-Punkt Untergruppe | . . Arsenic; Compounds thereof [2]                                                          |
| A61K 33/38        | 2-Punkt Untergruppe | . . Silver; Compounds thereof [2]                                                           |
| A61K 33/40        | 1-Punkt Untergruppe | . Peroxides [2]                                                                             |

| Symbol            | Typ                 | Titel                                                                                                             |
|-------------------|---------------------|-------------------------------------------------------------------------------------------------------------------|
| A61K 33/42        | 1-Punkt Untergruppe | . Phosphorus; Compounds thereof [2]                                                                               |
| A61K 33/44        | 1-Punkt Untergruppe | . Elemental carbon, e.g. charcoal, carbon black [2]                                                               |
| <b>A61K 35/00</b> | <b>Hauptgruppe</b>  | <b>Medicinal preparations containing material or reaction products thereof with undetermined constitution [2]</b> |
| A61K 35/02        | 1-Punkt Untergruppe | . from inanimate materials [2]                                                                                    |
| A61K 35/04        | 2-Punkt Untergruppe | . . Tars; Bitumens; Mineral oils; Ammonium bituminosulfonate, e.g. Ichthyol® [2]                                  |
| A61K 35/06        | 3-Punkt Untergruppe | . . . Mineral oils [2]                                                                                            |
| A61K 35/08        | 2-Punkt Untergruppe | . . Mineral waters [2]                                                                                            |
| A61K 35/10        | 2-Punkt Untergruppe | . . Peat; Amber [2]                                                                                               |
| A61K 35/12        | 1-Punkt Untergruppe | . Materials from mammals or birds [2]                                                                             |
| A61K 35/14        | 2-Punkt Untergruppe | . . Blood [2]                                                                                                     |
| A61K 35/16        | 3-Punkt Untergruppe | . . . Plasma; Serum [2]                                                                                           |
| A61K 35/18        | 3-Punkt Untergruppe | . . . Erythrocytes [2]                                                                                            |
| A61K 35/20        | 2-Punkt Untergruppe | . . Milk; Colostrum [2]                                                                                           |
| A61K 35/22        | 2-Punkt Untergruppe | . . Urine; Urinary system [2]                                                                                     |
| A61K 35/23        | 3-Punkt Untergruppe | . . . Kidney [3]                                                                                                  |
| A61K 35/24        | 2-Punkt Untergruppe | . . Mucus; Mucous glands; Bursa; Arthral fluid; Excreta; Spinal fluid [2]                                         |
| A61K 35/26        | 2-Punkt Untergruppe | . . Lymph; Lymph-glands; Thymus [2]                                                                               |
| A61K 35/28        | 2-Punkt Untergruppe | . . Marrow; Spleen [2]                                                                                            |
| A61K 35/30        | 2-Punkt Untergruppe | . . Nerves; Brain [2]                                                                                             |
| A61K 35/32        | 2-Punkt Untergruppe | . . Bones; Tendons; Teeth; Cartilage (marrow A61K 35/28) [2]                                                      |
| A61K 35/34        | 2-Punkt Untergruppe | . . Muscles; Heart [2]                                                                                            |
| A61K 35/36        | 2-Punkt Untergruppe | . . Skin; Hair; Nails; Sebaceous glands; Cerumen [4]                                                              |
| A61K 35/37        | 2-Punkt Untergruppe | . . Digestive system [3]                                                                                          |
| A61K 35/38        | 3-Punkt Untergruppe | . . . Stomach; Intestine [3]                                                                                      |
| A61K 35/39        | 3-Punkt Untergruppe | . . . Pancreas [3]                                                                                                |
| A61K 35/407       | 3-Punkt Untergruppe | . . . Liver [3]                                                                                                   |
| A61K 35/413       | 3-Punkt Untergruppe | . . . Bile [3]                                                                                                    |
| A61K 35/42        | 2-Punkt Untergruppe | . . Lungs [2]                                                                                                     |
| A61K 35/44        | 2-Punkt Untergruppe | . . Eyes; Vessels; Umbilical cord [2]                                                                             |
| A61K 35/48        | 2-Punkt Untergruppe | . . Reproductive organs; Embryos [2]                                                                              |
| A61K 35/50        | 3-Punkt Untergruppe | . . . Placenta; Amniotic fluid [2]                                                                                |
| A61K 35/52        | 3-Punkt Untergruppe | . . . Sperm [2]                                                                                                   |

| Symbol            | Typ                 | Titel                                                                                                                                                                                    |
|-------------------|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| A61K 35/54        | 3-Punkt Untergruppe | . . . Ovary; Eggs; Embryos [2]                                                                                                                                                           |
| A61K 35/55        | 2-Punkt Untergruppe | . . Glands not provided for in one of the preceding subgroups of this main group [3]                                                                                                     |
| A61K 35/56        | 1-Punkt Untergruppe | . Materials from animals other than mammals or birds [2]                                                                                                                                 |
| A61K 35/58        | 2-Punkt Untergruppe | . . Snakes (antigens A61K 39/38) [2]                                                                                                                                                     |
| A61K 35/60        | 2-Punkt Untergruppe | . . Fish (vitamin A A61K 31/07; vitamin D A61K 31/59) [2]                                                                                                                                |
| A61K 35/62        | 2-Punkt Untergruppe | . . Leeches [2]                                                                                                                                                                          |
| A61K 35/64        | 2-Punkt Untergruppe | . . Insects, e.g. royal jelly [2]                                                                                                                                                        |
| A61K 35/66        | 1-Punkt Untergruppe | . Materials from micro-organisms [2]                                                                                                                                                     |
| A61K 35/68        | 2-Punkt Untergruppe | . . Protozoa [2]                                                                                                                                                                         |
| A61K 35/70        | Gelöscht            | (transferred to A61K 36/06)                                                                                                                                                              |
| A61K 35/72        | Gelöscht            | (transferred to A61K 36/06)                                                                                                                                                              |
| A61K 35/74        | 2-Punkt Untergruppe | . . Bacteria [2]                                                                                                                                                                         |
| A61K 35/76        | 2-Punkt Untergruppe | . . Viruses [2]                                                                                                                                                                          |
| A61K 35/78        | Gelöscht            | (transferred to A61K 36/00)                                                                                                                                                              |
| A61K 35/80        | Gelöscht            | (transferred to A61K 36/02)                                                                                                                                                              |
| A61K 35/82        | Gelöscht            | (transferred to A61K 36/09)                                                                                                                                                              |
| A61K 35/84        | Gelöscht            | (transferred to A61K 36/06)                                                                                                                                                              |
| <b>A61K 36/00</b> | <b>Hauptgruppe</b>  | <b>Medicinal preparations of undetermined constitution containing material from algae, lichens, fungi or plants, or derivatives thereof, e.g. traditional herbal medicines [2006.01]</b> |
| A61K 36/02        | 1-Punkt Untergruppe | . Algae [2006.01]                                                                                                                                                                        |
| A61K 36/03        | 2-Punkt Untergruppe | . . Phaeophycota or phaeophyta (brown algae), e.g. Fucus [2006.01]                                                                                                                       |
| A61K 36/04        | 2-Punkt Untergruppe | . . Rhodophycota or rhodophyta (red algae), e.g. Porphyra [2006.01]                                                                                                                      |
| A61K 36/05        | 2-Punkt Untergruppe | . . Chlorophycota or chlorophyta (green algae), e.g. Chlorella [2006.01]                                                                                                                 |
| A61K 36/06        | 1-Punkt Untergruppe | . Fungi, e.g. yeasts [2006.01]                                                                                                                                                           |
| A61K 36/062       | 2-Punkt Untergruppe | . . Ascomycota [2006.01]                                                                                                                                                                 |
| A61K 36/064       | 3-Punkt Untergruppe | . . . Saccharomycetales, e.g. baker's yeast [2006.01]                                                                                                                                    |
| A61K 36/066       | 3-Punkt Untergruppe | . . . Clavicipitaceae [2006.01]                                                                                                                                                          |
| A61K 36/068       | 4-Punkt Untergruppe | . . . . Cordyceps [2006.01]                                                                                                                                                              |
| A61K 36/07        | 2-Punkt Untergruppe | . . Basidiomycota, e.g. Cryptococcus [2006.01]                                                                                                                                           |
| A61K 36/074       | 3-Punkt Untergruppe | . . . Ganoderma [2006.01]                                                                                                                                                                |
| A61K 36/076       | 3-Punkt Untergruppe | . . . Poria [2006.01]                                                                                                                                                                    |
| A61K 36/09        | 1-Punkt Untergruppe | . Lichens [2006.01]                                                                                                                                                                      |
| A61K 36/10        | 1-Punkt Untergruppe | . Bryophyta (mosses) [2006.01]                                                                                                                                                           |
| A61K 36/11        | 1-Punkt Untergruppe | . Pteridophyta or Filicophyta (ferns) [2006.01]                                                                                                                                          |
| A61K 36/12        | 2-Punkt Untergruppe | . . Filicopsida or Pteridopsida [2006.01]                                                                                                                                                |

| Symbol      | Typ                 | Titel                                                                                                                                            |
|-------------|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| A61K 36/126 | 3-Punkt Untergruppe | . . . <i>Drynaria</i> [2006.01]                                                                                                                  |
| A61K 36/13  | 1-Punkt Untergruppe | . <i>Coniferophyta</i> (gymnosperms) [2006.01]                                                                                                   |
| A61K 36/14  | 2-Punkt Untergruppe | . . <i>Cupressaceae</i> (Cypress family), e.g. juniper or cypress [2006.01]                                                                      |
| A61K 36/15  | 2-Punkt Untergruppe | . . <i>Pinaceae</i> (Pine family), e.g. pine or cedar [2006.01]                                                                                  |
| A61K 36/16  | 1-Punkt Untergruppe | . <i>Ginkgophyta</i> , e.g. <i>Ginkgoaceae</i> ( <i>Ginkgo</i> family) [2006.01]                                                                 |
| A61K 36/17  | 1-Punkt Untergruppe | . <i>Gnetophyta</i> , e.g. <i>Ephedraceae</i> ( <i>Mormon-tea</i> family) [2006.01]                                                              |
| A61K 36/18  | 1-Punkt Untergruppe | . <i>Magnoliophyta</i> (angiosperms) [2006.01]                                                                                                   |
| A61K 36/185 | 2-Punkt Untergruppe | . . <i>Magnoliopsida</i> (dicotyledons) [2006.01]                                                                                                |
| A61K 36/19  | 3-Punkt Untergruppe | . . . <i>Acanthaceae</i> ( <i>Acanthus</i> family) [2006.01]                                                                                     |
| A61K 36/195 | 4-Punkt Untergruppe | . . . . <i>Strobilanthes</i> [2006.01]                                                                                                           |
| A61K 36/20  | 3-Punkt Untergruppe | . . . <i>Aceraceae</i> ( <i>Maple</i> family) [2006.01]                                                                                          |
| A61K 36/21  | 3-Punkt Untergruppe | . . . <i>Amaranthaceae</i> ( <i>Amaranth</i> family), e.g. pigweed, rockwort or globe amaranth [2006.01]                                         |
| A61K 36/22  | 3-Punkt Untergruppe | . . . <i>Anacardiaceae</i> ( <i>Sumac</i> family), e.g. smoketree, sumac or poison oak [2006.01]                                                 |
| A61K 36/23  | 3-Punkt Untergruppe | . . . <i>Apiaceae</i> or <i>Umbelliferae</i> ( <i>Carrot</i> family), e.g. dill, chervil, coriander or cumin [2006.01]                           |
| A61K 36/232 | 4-Punkt Untergruppe | . . . . <i>Angelica</i> [2006.01]                                                                                                                |
| A61K 36/233 | 4-Punkt Untergruppe | . . . . <i>Bupleurum</i> [2006.01]                                                                                                               |
| A61K 36/234 | 4-Punkt Untergruppe | . . . . <i>Cnidium</i> ( <i>snowparsley</i> ) [2006.01]                                                                                          |
| A61K 36/235 | 4-Punkt Untergruppe | . . . . <i>Foeniculum</i> ( <i>fennel</i> ) [2006.01]                                                                                            |
| A61K 36/236 | 4-Punkt Untergruppe | . . . . <i>Ligusticum</i> ( <i>licorice-root</i> ) [2006.01]                                                                                     |
| A61K 36/237 | 4-Punkt Untergruppe | . . . . <i>Notopterygium</i> [2006.01]                                                                                                           |
| A61K 36/238 | 4-Punkt Untergruppe | . . . . <i>Saposhnikovia</i> [2006.01]                                                                                                           |
| A61K 36/24  | 3-Punkt Untergruppe | . . . <i>Apocynaceae</i> ( <i>Dogbane</i> family), e.g. plumeria or periwinkle [2006.01]                                                         |
| A61K 36/25  | 3-Punkt Untergruppe | . . . <i>Araliaceae</i> ( <i>Ginseng</i> family), e.g. ivy, aralia, schefflera or tetrapanax [2006.01]                                           |
| A61K 36/254 | 4-Punkt Untergruppe | . . . . <i>Acanthopanax</i> or <i>Eleutherococcus</i> [2006.01]                                                                                  |
| A61K 36/258 | 4-Punkt Untergruppe | . . . . <i>Panax</i> ( <i>ginseng</i> ) [2006.01]                                                                                                |
| A61K 36/26  | 3-Punkt Untergruppe | . . . <i>Aristolochiaceae</i> ( <i>Birthwort</i> family), e.g. heartleaf [2006.01]                                                               |
| A61K 36/264 | 4-Punkt Untergruppe | . . . . <i>Aristolochia</i> ( <i>Dutchman's pipe</i> ) [2006.01]                                                                                 |
| A61K 36/268 | 4-Punkt Untergruppe | . . . . <i>Asarum</i> ( <i>wild ginger</i> ) [2006.01]                                                                                           |
| A61K 36/27  | 3-Punkt Untergruppe | . . . <i>Asclepiadaceae</i> ( <i>Milkweed</i> family), e.g. hoyo [2006.01]                                                                       |
| A61K 36/28  | 3-Punkt Untergruppe | . . . <i>Asteraceae</i> or <i>Compositae</i> ( <i>Aster</i> or <i>Sunflower</i> family), e.g. chamomile, feverfew, yarrow or echinacea [2006.01] |
| A61K 36/282 | 4-Punkt Untergruppe | . . . . <i>Artemisia</i> , e.g. wormwood or sagebrush [2006.01]                                                                                  |

| Symbol      | Typ                 | Titel                                                                                                                                                           |
|-------------|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| A61K 36/284 | 4-Punkt Untergruppe | . . . . <i>Atractylodes</i> [2006.01]                                                                                                                           |
| A61K 36/285 | 4-Punkt Untergruppe | . . . . <i>Aucklandia</i> [2006.01]                                                                                                                             |
| A61K 36/286 | 4-Punkt Untergruppe | . . . . <i>Carthamus</i> ( <i>distaff thistle</i> ) [2006.01]                                                                                                   |
| A61K 36/287 | 4-Punkt Untergruppe | . . . . <i>Chrysanthemum</i> , e.g. <i>daisy</i> [2006.01]                                                                                                      |
| A61K 36/288 | 4-Punkt Untergruppe | . . . . <i>Taraxacum</i> ( <i>dandelion</i> ) [2006.01]                                                                                                         |
| A61K 36/289 | 4-Punkt Untergruppe | . . . . <i>Vladimiria</i> [2006.01]                                                                                                                             |
| A61K 36/29  | 3-Punkt Untergruppe | . . . <i>Berberidaceae</i> ( <i>Barberry family</i> ), e.g. <i>barberry</i> , <i>cohosh</i> or <i>mayapple</i> [2006.01]                                        |
| A61K 36/296 | 4-Punkt Untergruppe | . . . . <i>Epimedium</i> [2006.01]                                                                                                                              |
| A61K 36/30  | 3-Punkt Untergruppe | . . . <i>Boraginaceae</i> ( <i>Borage family</i> ), e.g. <i>comfrey</i> , <i>lungwort</i> or <i>forget-me-not</i> [2006.01]                                     |
| A61K 36/31  | 3-Punkt Untergruppe | . . . <i>Brassicaceae</i> or <i>Cruciferae</i> ( <i>Mustard family</i> ), e.g. <i>broccoli</i> , <i>cabbage</i> or <i>kohlrabi</i> [2006.01]                    |
| A61K 36/315 | 4-Punkt Untergruppe | . . . . <i>Isatis</i> , e.g. <i>Dyer's woad</i> [2006.01]                                                                                                       |
| A61K 36/32  | 3-Punkt Untergruppe | . . . <i>Burseraceae</i> ( <i>Frankincense family</i> ) [2006.01]                                                                                               |
| A61K 36/324 | 4-Punkt Untergruppe | . . . . <i>Boswellia</i> , e.g. <i>frankincense</i> [2006.01]                                                                                                   |
| A61K 36/328 | 4-Punkt Untergruppe | . . . . <i>Commiphora</i> , e.g. <i>mecca myrrh</i> or <i>balm of Gilead</i> [2006.01]                                                                          |
| A61K 36/33  | 3-Punkt Untergruppe | . . . <i>Cactaceae</i> ( <i>Cactus family</i> ), e.g. <i>pricklypear</i> or <i>Cereus</i> [2006.01]                                                             |
| A61K 36/34  | 3-Punkt Untergruppe | . . . <i>Campanulaceae</i> ( <i>Bellflower family</i> ) [2006.01]                                                                                               |
| A61K 36/342 | 4-Punkt Untergruppe | . . . . <i>Adenophora</i> [2006.01]                                                                                                                             |
| A61K 36/344 | 4-Punkt Untergruppe | . . . . <i>Codonopsis</i> [2006.01]                                                                                                                             |
| A61K 36/346 | 4-Punkt Untergruppe | . . . . <i>Platycodon</i> [2006.01]                                                                                                                             |
| A61K 36/35  | 3-Punkt Untergruppe | . . . <i>Caprifoliaceae</i> ( <i>Honeysuckle family</i> ) [2006.01]                                                                                             |
| A61K 36/355 | 4-Punkt Untergruppe | . . . . <i>Lonicera</i> ( <i>honeysuckle</i> ) [2006.01]                                                                                                        |
| A61K 36/36  | 3-Punkt Untergruppe | . . . <i>Caryophyllaceae</i> ( <i>Pink family</i> ), e.g. <i>babysbreath</i> or <i>soapwort</i> [2006.01]                                                       |
| A61K 36/37  | 3-Punkt Untergruppe | . . . <i>Celastraceae</i> ( <i>Staff-tree</i> or <i>Bittersweet family</i> ), e.g. <i>tripterygium</i> or <i>spindletree</i> [2006.01]                          |
| A61K 36/38  | 3-Punkt Untergruppe | . . . <i>Clusiaceae</i> , <i>Hypericaceae</i> or <i>Guttiferae</i> ( <i>Hypericum</i> or <i>Mangosteen family</i> ), e.g. <i>common St. Johnswort</i> [2006.01] |
| A61K 36/39  | 3-Punkt Untergruppe | . . . <i>Convolvulaceae</i> ( <i>Morning-glory family</i> ), e.g. <i>bindweed</i> [2006.01]                                                                     |
| A61K 36/40  | 3-Punkt Untergruppe | . . . <i>Cornaceae</i> ( <i>Dogwood family</i> ) [2006.01]                                                                                                      |
| A61K 36/41  | 3-Punkt Untergruppe | . . . <i>Crassulaceae</i> ( <i>Stonecrop family</i> ) [2006.01]                                                                                                 |
| A61K 36/42  | 3-Punkt Untergruppe | . . . <i>Cucurbitaceae</i> ( <i>Cucumber family</i> ) [2006.01]                                                                                                 |
| A61K 36/424 | 4-Punkt Untergruppe | . . . . <i>Gynostemma</i> [2006.01]                                                                                                                             |
| A61K 36/428 | 4-Punkt Untergruppe | . . . . <i>Trichosanthes</i> [2006.01]                                                                                                                          |
| A61K 36/43  | 3-Punkt Untergruppe | . . . <i>Cuscutaceae</i> ( <i>Dodder family</i> ), e.g. <i>Cuscuta epithymum</i> or <i>greater dodder</i> [2006.01]                                             |



| Symbol      | Typ                 | Titel                                                                                                      |
|-------------|---------------------|------------------------------------------------------------------------------------------------------------|
| A61K 36/44  | 3-Punkt Untergruppe | ... Ebenaceae (Ebony family), e.g. persimmon [2006.01]                                                     |
| A61K 36/45  | 3-Punkt Untergruppe | ... Ericaceae or Vacciniaceae (Heath or Blueberry family), e.g. blueberry, cranberry or bilberry [2006.01] |
| A61K 36/46  | 3-Punkt Untergruppe | ... Eucommiaceae (Eucommia family), e.g. hardy rubber tree [2006.01]                                       |
| A61K 36/47  | 3-Punkt Untergruppe | ... Euphorbiaceae (Spurge family), e.g. Ricinus (castorbean) [2006.01]                                     |
| A61K 36/48  | 3-Punkt Untergruppe | ... Fabaceae or Leguminosae (Pea or Legume family); Caesalpiniaceae; Mimosaceae; Papilionaceae [2006.01]   |
| A61K 36/481 | 4-Punkt Untergruppe | ... Astragalus (milkvetch) [2006.01]                                                                       |
| A61K 36/482 | 4-Punkt Untergruppe | ... Cassia, e.g. golden shower tree [2006.01]                                                              |
| A61K 36/483 | 4-Punkt Untergruppe | ... Gleditsia (locust) [2006.01]                                                                           |
| A61K 36/484 | 4-Punkt Untergruppe | ... Glycyrrhiza (licorice) [2006.01]                                                                       |
| A61K 36/485 | 4-Punkt Untergruppe | ... Gueldenstaedtia [2006.01]                                                                              |
| A61K 36/486 | 4-Punkt Untergruppe | ... Millettia [2006.01]                                                                                    |
| A61K 36/487 | 4-Punkt Untergruppe | ... Psoralea [2006.01]                                                                                     |
| A61K 36/488 | 4-Punkt Untergruppe | ... Pueraria (kudzu) [2006.01]                                                                             |
| A61K 36/489 | 4-Punkt Untergruppe | ... Sophora, e.g. necklacepod or mamani [2006.01]                                                          |
| A61K 36/49  | 3-Punkt Untergruppe | ... Fagaceae (Beech family), e.g. oak or chestnut [2006.01]                                                |
| A61K 36/50  | 3-Punkt Untergruppe | ... Fumariaceae (Fumitory family), e.g. bleeding heart [2006.01]                                           |
| A61K 36/505 | 4-Punkt Untergruppe | ... Corydalis [2006.01]                                                                                    |
| A61K 36/51  | 3-Punkt Untergruppe | ... Gentianaceae (Gentian family) [2006.01]                                                                |
| A61K 36/515 | 4-Punkt Untergruppe | ... Gentiana [2006.01]                                                                                     |
| A61K 36/52  | 3-Punkt Untergruppe | ... Juglandaceae (Walnut family) [2006.01]                                                                 |
| A61K 36/53  | 3-Punkt Untergruppe | ... Lamiaceae or Labiatae (Mint family), e.g. thyme, rosemary or lavender [2006.01]                        |
| A61K 36/532 | 4-Punkt Untergruppe | ... Agastache, e.g. giant hyssop [2006.01]                                                                 |
| A61K 36/533 | 4-Punkt Untergruppe | ... Leonurus (motherwort) [2006.01]                                                                        |
| A61K 36/534 | 4-Punkt Untergruppe | ... Mentha (mint) [2006.01]                                                                                |
| A61K 36/535 | 4-Punkt Untergruppe | ... Perilla (beefsteak plant) [2006.01]                                                                    |
| A61K 36/536 | 4-Punkt Untergruppe | ... Prunella or Brunella (selfheal) [2006.01]                                                              |
| A61K 36/537 | 4-Punkt Untergruppe | ... Salvia (sage) [2006.01]                                                                                |
| A61K 36/538 | 4-Punkt Untergruppe | ... Schizonepeta [2006.01]                                                                                 |
| A61K 36/539 | 4-Punkt Untergruppe | ... Scutellaria (skullcap) [2006.01]                                                                       |
| A61K 36/54  | 3-Punkt Untergruppe | ... Lauraceae (Laurel family), e.g. cinnamon or sassafras [2006.01]                                        |
| A61K 36/55  | 3-Punkt Untergruppe | ... Linaceae (Flax family), e.g. Linum [2006.01]                                                           |

| Symbol      | Typ                 | Titel                                                                                                       |
|-------------|---------------------|-------------------------------------------------------------------------------------------------------------|
| A61K 36/56  | 3-Punkt Untergruppe | ... Loganiaceae (Logania family), e.g. trumpetflower or pinkroot [2006.01]                                  |
| A61K 36/57  | 3-Punkt Untergruppe | ... Magnoliaceae (Magnolia family) [2006.01]                                                                |
| A61K 36/575 | 4-Punkt Untergruppe | ... Magnolia [2006.01]                                                                                      |
| A61K 36/58  | 3-Punkt Untergruppe | ... Meliaceae (Chinaberry or Mahogany family), e.g. Azadirachta (neem) [2006.01]                            |
| A61K 36/59  | 3-Punkt Untergruppe | ... Menispermaceae (Moonseed family), e.g. hyperbaena or coralbead [2006.01]                                |
| A61K 36/60  | 3-Punkt Untergruppe | ... Moraceae (Mulberry family), e.g. breadfruit or fig [2006.01]                                            |
| A61K 36/605 | 4-Punkt Untergruppe | ... Morus (mulberry) [2006.01]                                                                              |
| A61K 36/61  | 3-Punkt Untergruppe | ... Myrtaceae (Myrtle family), e.g. teatree or eucalyptus [2006.01]                                         |
| A61K 36/62  | 3-Punkt Untergruppe | ... Nymphaeaceae (Water-lily family) [2006.01]                                                              |
| A61K 36/63  | 3-Punkt Untergruppe | ... Oleaceae (Olive family), e.g. jasmine, lilac or ash tree [2006.01]                                      |
| A61K 36/634 | 4-Punkt Untergruppe | ... Forsythia [2006.01]                                                                                     |
| A61K 36/638 | 4-Punkt Untergruppe | ... Ligustrum, e.g. Chinese privet [2006.01]                                                                |
| A61K 36/64  | 3-Punkt Untergruppe | ... Orobanchaceae (Broom-rape family) [2006.01]                                                             |
| A61K 36/65  | 3-Punkt Untergruppe | ... Paeoniaceae (Peony family), e.g. Chinese peony [2006.01]                                                |
| A61K 36/66  | 3-Punkt Untergruppe | ... Papaveraceae (Poppy family), e.g. bloodroot [2006.01]                                                   |
| A61K 36/67  | 3-Punkt Untergruppe | ... Piperaceae (Pepper family), e.g. Jamaican pepper or kava [2006.01]                                      |
| A61K 36/68  | 3-Punkt Untergruppe | ... Plantaginaceae (Plantain Family) [2006.01]                                                              |
| A61K 36/69  | 3-Punkt Untergruppe | ... Polygalaceae (Milkwort family) [2006.01]                                                                |
| A61K 36/70  | 3-Punkt Untergruppe | ... Polygonaceae (Buckwheat family), e.g. spineflower or dock [2006.01]                                     |
| A61K 36/704 | 4-Punkt Untergruppe | ... Polygonum, e.g. knotweed [2006.01]                                                                      |
| A61K 36/708 | 4-Punkt Untergruppe | ... Rheum (rhubarb) [2006.01]                                                                               |
| A61K 36/71  | 3-Punkt Untergruppe | ... Ranunculaceae (Buttercup family), e.g. larkspur, hepatica, hydrastis, columbine or goldenseal [2006.01] |
| A61K 36/714 | 4-Punkt Untergruppe | ... Aconitum (monkshood) [2006.01]                                                                          |
| A61K 36/716 | 4-Punkt Untergruppe | ... Clematis (leather flower) [2006.01]                                                                     |
| A61K 36/718 | 4-Punkt Untergruppe | ... Coptis (goldthread) [2006.01]                                                                           |
| A61K 36/72  | 3-Punkt Untergruppe | ... Rhamnaceae (Buckthorn family), e.g. buckthorn, chewstick or umbrella-tree [2006.01]                     |
| A61K 36/725 | 4-Punkt Untergruppe | ... Ziziphus, e.g. jujube [2006.01]                                                                         |
| A61K 36/73  | 3-Punkt Untergruppe | ... Rosaceae (Rose family), e.g. strawberry, chokeberry, blackberry, pear or firethorn [2006.01]            |
| A61K 36/732 | 4-Punkt Untergruppe | ... Chaenomeles, e.g. flowering quince [2006.01]                                                            |
| A61K 36/734 | 4-Punkt Untergruppe | ... Crataegus (hawthorn) [2006.01]                                                                          |
| A61K 36/736 | 4-Punkt Untergruppe | ... Prunus, e.g. plum, cherry, peach, apricot or almond [2006.01]                                           |

| Symbol      | Typ                 | Titel                                                                                                            |
|-------------|---------------------|------------------------------------------------------------------------------------------------------------------|
| A61K 36/738 | 4-Punkt Untergruppe | . . . . Rosa (rose) [2006.01]                                                                                    |
| A61K 36/739 | 4-Punkt Untergruppe | . . . . Sanguisorba (burnet) [2006.01]                                                                           |
| A61K 36/74  | 3-Punkt Untergruppe | . . . Rubiaceae (Madder family) [2006.01]                                                                        |
| A61K 36/744 | 4-Punkt Untergruppe | . . . . Gardenia [2006.01]                                                                                       |
| A61K 36/746 | 4-Punkt Untergruppe | . . . . Morinda [2006.01]                                                                                        |
| A61K 36/748 | 4-Punkt Untergruppe | . . . . Oldenlandia or Hedyotis [2006.01]                                                                        |
| A61K 36/75  | 3-Punkt Untergruppe | . . . Rutaceae (Rue family) [2006.01]                                                                            |
| A61K 36/752 | 4-Punkt Untergruppe | . . . . Citrus, e.g. lime, orange or lemon [2006.01]                                                             |
| A61K 36/754 | 4-Punkt Untergruppe | . . . . Evodia [2006.01]                                                                                         |
| A61K 36/756 | 4-Punkt Untergruppe | . . . . Phellodendron, e.g. corktree [2006.01]                                                                   |
| A61K 36/758 | 4-Punkt Untergruppe | . . . . Zanthoxylum, e.g. pricklyash [2006.01]                                                                   |
| A61K 36/76  | 3-Punkt Untergruppe | . . . Salicaceae (Willow family), e.g. poplar [2006.01]                                                          |
| A61K 36/77  | 3-Punkt Untergruppe | . . . Sapindaceae (Soapberry family), e.g. lychee or soapberry [2006.01]                                         |
| A61K 36/78  | 3-Punkt Untergruppe | . . . Saururaceae (Lizard's-tail family) [2006.01]                                                               |
| A61K 36/79  | 3-Punkt Untergruppe | . . . Schisandraceae (Schisandra family) [2006.01]                                                               |
| A61K 36/80  | 3-Punkt Untergruppe | . . . Scrophulariaceae (Figwort family) [2006.01]                                                                |
| A61K 36/804 | 4-Punkt Untergruppe | . . . . Rehmannia [2006.01]                                                                                      |
| A61K 36/808 | 4-Punkt Untergruppe | . . . . Scrophularia (figwort) [2006.01]                                                                         |
| A61K 36/81  | 3-Punkt Untergruppe | . . . Solanaceae (Potato family), e.g. tobacco, nightshade, tomato, belladonna, capsicum or jimsonweed [2006.01] |
| A61K 36/815 | 4-Punkt Untergruppe | . . . . Lycium (desert-thorn) [2006.01]                                                                          |
| A61K 36/82  | 3-Punkt Untergruppe | . . . Theaceae (Tea family), e.g. camellia [2006.01]                                                             |
| A61K 36/83  | 3-Punkt Untergruppe | . . . Thymelaeaceae (Mezereum family), e.g. leatherwood or false ohelo [2006.01]                                 |
| A61K 36/835 | 4-Punkt Untergruppe | . . . . Aquilaria [2006.01]                                                                                      |
| A61K 36/84  | 3-Punkt Untergruppe | . . . Valerianaceae (Valerian family), e.g. valerian [2006.01]                                                   |
| A61K 36/85  | 3-Punkt Untergruppe | . . . Verbenaceae (Verbena family) [2006.01]                                                                     |
| A61K 36/855 | 4-Punkt Untergruppe | . . . . Clerodendrum, e.g. glorybower [2006.01]                                                                  |
| A61K 36/86  | 3-Punkt Untergruppe | . . . Violaceae (Violet family) [2006.01]                                                                        |
| A61K 36/87  | 3-Punkt Untergruppe | . . . Vitaceae or Ampelidaceae (Vine or Grape family), e.g. wine grapes, muscadine or peppervine [2006.01]       |
| A61K 36/88  | 2-Punkt Untergruppe | . . Liliopsida (monocotyledons) [2006.01]                                                                        |
| A61K 36/882 | 3-Punkt Untergruppe | . . . Acoraceae (Calamus family), e.g. sweetflag or Acorus calamus [2006.01]                                     |
| A61K 36/884 | 3-Punkt Untergruppe | . . . Alismataceae (Water-plantain family) [2006.01]                                                             |

| Symbol       | Typ                 | Titel                                                                                                |
|--------------|---------------------|------------------------------------------------------------------------------------------------------|
| A61K 36/886  | 3-Punkt Untergruppe | . . . . Aloeaceae (Aloe family), e.g. aloe vera [2006.01]                                            |
| A61K 36/888  | 3-Punkt Untergruppe | . . . . Araceae (Arum family), e.g. caladium, calla lily or skunk cabbage [2006.01]                  |
| A61K 36/8884 | 4-Punkt Untergruppe | . . . . Arisaema, e.g. Jack in the pulpit [2006.01]                                                  |
| A61K 36/8888 | 4-Punkt Untergruppe | . . . . Pinellia [2006.01]                                                                           |
| A61K 36/889  | 3-Punkt Untergruppe | . . . . Areaceae, Palmae or Palmaceae (Palm family), e.g. date or coconut palm or palmetto [2006.01] |
| A61K 36/8895 | 4-Punkt Untergruppe | . . . . Calamus, e.g. rattan [2006.01]                                                               |
| A61K 36/89   | 3-Punkt Untergruppe | . . . . Cyperaceae (Sedge family) [2006.01]                                                          |
| A61K 36/8905 | 4-Punkt Untergruppe | . . . . Cyperus (flatsedge) [2006.01]                                                                |
| A61K 36/894  | 3-Punkt Untergruppe | . . . . Dioscoreaceae (Yam family) [2006.01]                                                         |
| A61K 36/8945 | 4-Punkt Untergruppe | . . . . Dioscorea, e.g. yam, Chinese yam or water yam [2006.01]                                      |
| A61K 36/896  | 3-Punkt Untergruppe | . . . . Liliaceae (Lily family), e.g. daylily, plantain lily, Hyacinth or narcissus [2006.01]        |
| A61K 36/8962 | 4-Punkt Untergruppe | . . . . Allium, e.g. garden onion, leek, garlic or chives [2006.01]                                  |
| A61K 36/8964 | 4-Punkt Untergruppe | . . . . Anemarrhena [2006.01]                                                                        |
| A61K 36/8965 | 4-Punkt Untergruppe | . . . . Asparagus, e.g. garden asparagus or asparagus fern [2006.01]                                 |
| A61K 36/8966 | 4-Punkt Untergruppe | . . . . Fritillaria, e.g. checker lily or mission bells [2006.01]                                    |
| A61K 36/8967 | 4-Punkt Untergruppe | . . . . Lilium, e.g. tiger lily or Easter lily [2006.01]                                             |
| A61K 36/8968 | 4-Punkt Untergruppe | . . . . Ophiopogon (Lilyturf) [2006.01]                                                              |
| A61K 36/8969 | 4-Punkt Untergruppe | . . . . Polygonatum (Solomon's seal) [2006.01]                                                       |
| A61K 36/898  | 3-Punkt Untergruppe | . . . . Orchidaceae (Orchid family) [2006.01]                                                        |
| A61K 36/8984 | 4-Punkt Untergruppe | . . . . Dendrobium [2006.01]                                                                         |
| A61K 36/8988 | 4-Punkt Untergruppe | . . . . Gastrodia [2006.01]                                                                          |
| A61K 36/899  | 3-Punkt Untergruppe | . . . . Poaceae or Gramineae (Grass family), e.g. bamboo, corn or sugar cane [2006.01]               |
| A61K 36/8994 | 4-Punkt Untergruppe | . . . . Coix (Job's tears) [2006.01]                                                                 |
| A61K 36/8998 | 4-Punkt Untergruppe | . . . . Hordeum (barley) [2006.01]                                                                   |
| A61K 36/90   | 3-Punkt Untergruppe | . . . . Smilacaceae (Catbrier family), e.g. greenbrier or sarsaparilla [2006.01]                     |
| A61K 36/902  | 3-Punkt Untergruppe | . . . . Sparganiaceae (Bur-reed family) [2006.01]                                                    |
| A61K 36/904  | 3-Punkt Untergruppe | . . . . Stemonaceae (Stemona family), e.g. croomia [2006.01]                                         |
| A61K 36/906  | 3-Punkt Untergruppe | . . . . Zingiberaceae (Ginger family) [2006.01]                                                      |
| A61K 36/9062 | 4-Punkt Untergruppe | . . . . Alpinia, e.g. red ginger or galangal [2006.01]                                               |
| A61K 36/9064 | 4-Punkt Untergruppe | . . . . Amomum, e.g. round cardamom [2006.01]                                                        |
| A61K 36/9066 | 4-Punkt Untergruppe | . . . . Curcuma, e.g. common turmeric, East Indian arrowroot or mango ginger [2006.01]               |
| A61K 36/9068 | 4-Punkt Untergruppe | . . . . Zingiber, e.g. garden ginger [2006.01]                                                       |

| Symbol            | Typ                 | Titel                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-------------------|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>A61K 38/00</b> | <b>Hauptgruppe</b>  | <b>Medicinal preparations containing peptides (peptides containing beta-lactam rings A61K 31/00; cyclic dipeptides not having in their molecule any other peptide link than those which form their ring, e.g. piperazine-2,5-diones, A61K 31/00; ergoline-based peptides A61K 31/48; containing macromolecular compounds having statistically distributed amino acid units A61K 31/74; medicinal preparations containing antigens or antibodies A61K 39/00; medicinal preparations characterised by the non-active ingredients, e.g. peptides as drug carriers, A61K 47/00) [6]</b> |
| A61K 38/01        | 1-Punkt Untergruppe | . Hydrolysed proteins; Derivatives thereof [6]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| A61K 38/02        | 1-Punkt Untergruppe | . Peptides of undefined number of amino acids; Derivatives thereof [6]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| A61K 38/03        | 1-Punkt Untergruppe | . Peptides having up to 20 amino acids in an undefined or only partially defined sequence; Derivatives thereof [6]                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| A61K 38/04        | 1-Punkt Untergruppe | . Peptides having up to 20 amino acids in a fully defined sequence; Derivatives thereof (gastrins A61K 38/16, somatostatins A61K 38/31, melanotropins A61K 38/34) [6]                                                                                                                                                                                                                                                                                                                                                                                                               |
| A61K 38/05        | 2-Punkt Untergruppe | . . Dipeptides [6]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| A61K 38/06        | 2-Punkt Untergruppe | . . Tripeptides [6]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| A61K 38/07        | 2-Punkt Untergruppe | . . Tetrapeptides [6]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| A61K 38/08        | 2-Punkt Untergruppe | . . Peptides having 5 to 11 amino acids [6]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| A61K 38/09        | 3-Punkt Untergruppe | . . . Luteinising hormone-releasing hormone (LHRH); Related peptides [6]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| A61K 38/10        | 2-Punkt Untergruppe | . . Peptides having 12 to 20 amino acids [6]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| A61K 38/11        | 3-Punkt Untergruppe | . . . Oxytocins; Vasopressins; Related peptides [6]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| A61K 38/12        | 2-Punkt Untergruppe | . . Cyclic peptides [6]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| A61K 38/13        | 3-Punkt Untergruppe | . . . Cyclosporins [6]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| A61K 38/14        | 2-Punkt Untergruppe | . . Peptides containing saccharide radicals; Derivatives thereof [6]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| A61K 38/15        | 2-Punkt Untergruppe | . . Depsipeptides; Derivatives thereof [6]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| A61K 38/16        | 1-Punkt Untergruppe | . Peptides having more than 20 amino acids; Gastrins; Somatostatins; Melanotropins; Derivatives thereof [6]                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| A61K 38/17        | 2-Punkt Untergruppe | . . from animals; from humans [6]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| A61K 38/18        | 3-Punkt Untergruppe | . . . Growth factors; Growth regulators [6]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| A61K 38/19        | 3-Punkt Untergruppe | . . . Cytokines; Lymphokines; Interferons [6]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| A61K 38/20        | 4-Punkt Untergruppe | . . . . Interleukins [6]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| A61K 38/21        | 4-Punkt Untergruppe | . . . . Interferons [6]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| A61K 38/22        | 3-Punkt Untergruppe | . . . Hormones (derived from pro-opiomelanocortin, pro-enkephalin or pro-dynorphin A61K 38/33, e.g. corticotropin A61K 38/35) [6]                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| A61K 38/23        | 4-Punkt Untergruppe | . . . . Calcitonins [6]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| A61K 38/24        | 4-Punkt Untergruppe | . . . . Follicle-stimulating hormone (FSH); Chorionic gonadotropins, e.g. HCG; Luteinising hormone (LH); Thyroid-stimulating hormone (TSH) [6]                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| A61K 38/25        | 4-Punkt Untergruppe | . . . . Growth hormone-releasing factor (GH-RF) (Somatoliberin) [6]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| A61K 38/26        | 4-Punkt Untergruppe | . . . . Glucagons [6]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| A61K 38/27        | 4-Punkt Untergruppe | . . . . Growth hormone (GH) (Somatotropin) [6]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |

| Symbol     | Typ                 | Titel                                                                                                                                  |
|------------|---------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| A61K 38/28 | 4-Punkt Untergruppe | . . . . Insulins [6]                                                                                                                   |
| A61K 38/29 | 4-Punkt Untergruppe | . . . . Parathyroid hormone (parathormone); Parathyroid hormone-related peptides [6]                                                   |
| A61K 38/30 | 4-Punkt Untergruppe | . . . . Insulin-like growth factors (Somatomedins), e.g. IGF-1, IGF-2 [6]                                                              |
| A61K 38/31 | 4-Punkt Untergruppe | . . . . Somatostatins [6]                                                                                                              |
| A61K 38/32 | 4-Punkt Untergruppe | . . . . Thymopoietins [6]                                                                                                              |
| A61K 38/33 | 3-Punkt Untergruppe | . . . derived from pro-opiomelanocortin, pro-enkephalin or pro-dynorphin [6]                                                           |
| A61K 38/34 | 4-Punkt Untergruppe | . . . . Melanocyte stimulating hormone (MSH), e.g. alpha- or beta-melanotropin [6]                                                     |
| A61K 38/35 | 4-Punkt Untergruppe | . . . . Corticotropin (ACTH) [6]                                                                                                       |
| A61K 38/36 | 3-Punkt Untergruppe | . . . Blood coagulation or fibrinolysis factors [6]                                                                                    |
| A61K 38/37 | 4-Punkt Untergruppe | . . . . Factors VIII [6]                                                                                                               |
| A61K 38/38 | 3-Punkt Untergruppe | . . . Albumins [6]                                                                                                                     |
| A61K 38/39 | 3-Punkt Untergruppe | . . . Connective tissue peptides, e.g. collagen, elastin, laminin, fibronectin, vitronectin, cold insoluble globulin (CIG) [6]         |
| A61K 38/40 | 3-Punkt Untergruppe | . . . Transferrins, e.g. lactoferrins, ovotransferrins [6]                                                                             |
| A61K 38/41 | 2-Punkt Untergruppe | . . Porphyrin- or corrin-ring-containing peptides [6]                                                                                  |
| A61K 38/42 | 3-Punkt Untergruppe | . . . Haemoglobins; Myoglobins [6]                                                                                                     |
| A61K 38/43 | 2-Punkt Untergruppe | . . Enzymes; Proenzymes; Derivatives thereof [6]                                                                                       |
| A61K 38/44 | 3-Punkt Untergruppe | . . . Oxidoreductases (1) [6]                                                                                                          |
| A61K 38/45 | 3-Punkt Untergruppe | . . . Transferases (2) [6]                                                                                                             |
| A61K 38/46 | 3-Punkt Untergruppe | . . . Hydrolases (3) [6]                                                                                                               |
| A61K 38/47 | 4-Punkt Untergruppe | . . . . acting on glycosyl compounds (3.2), e.g. cellulases, lactases [6]                                                              |
| A61K 38/48 | 4-Punkt Untergruppe | . . . . acting on peptide bonds (3.4) [6]                                                                                              |
| A61K 38/49 | 5-Punkt Untergruppe | . . . . . Urokinase; Tissue plasminogen activator [6]                                                                                  |
| A61K 38/50 | 4-Punkt Untergruppe | . . . . acting on carbon-nitrogen bonds, other than peptide bonds (3.5), e.g. asparaginase [6]                                         |
| A61K 38/51 | 3-Punkt Untergruppe | . . . Lyases (4) [6]                                                                                                                   |
| A61K 38/52 | 3-Punkt Untergruppe | . . . Isomerases (5) [6]                                                                                                               |
| A61K 38/53 | 3-Punkt Untergruppe | . . . Ligases (6) [6]                                                                                                                  |
| A61K 38/54 | 3-Punkt Untergruppe | . . . Mixtures of enzymes or proenzymes covered by more than a single one of groups A61K 38/44-A61K 38/46 or A61K 38/51-A61K 38/53 [6] |
| A61K 38/55 | 2-Punkt Untergruppe | . . Protease inhibitors [6]                                                                                                            |
| A61K 38/56 | 3-Punkt Untergruppe | . . . from plants [6]                                                                                                                  |
| A61K 38/57 | 3-Punkt Untergruppe | . . . from animals; from humans [6]                                                                                                    |
| A61K 38/58 | 4-Punkt Untergruppe | . . . . from leeches, e.g. hirudin, eglin [6]                                                                                          |

| Symbol            | Typ                 | Titel                                                                                                      |
|-------------------|---------------------|------------------------------------------------------------------------------------------------------------|
| <b>A61K 39/00</b> | <b>Hauptgruppe</b>  | <b>Medicinal preparations containing antigens or antibodies (materials for immunoassay G01N 33/53) [2]</b> |
| A61K 39/002       | 1-Punkt Untergruppe | . Protozoa antigens [3]                                                                                    |
| A61K 39/005       | 2-Punkt Untergruppe | . . Trypanosoma antigens [3]                                                                               |
| A61K 39/008       | 2-Punkt Untergruppe | . . Leishmania antigens [3]                                                                                |
| A61K 39/012       | 2-Punkt Untergruppe | . . Coccidia antigens [3]                                                                                  |
| A61K 39/015       | 2-Punkt Untergruppe | . . Hemosporidia antigens, e.g. Plasmodium antigens [3]                                                    |
| A61K 39/018       | 3-Punkt Untergruppe | . . . Babesia antigens, e.g. Theileria antigens [3]                                                        |
| A61K 39/02        | 1-Punkt Untergruppe | . Bacterial antigens [2]                                                                                   |
| A61K 39/04        | 2-Punkt Untergruppe | . . Mycobacterium, e.g. Mycobacterium tuberculosis [2, 3]                                                  |
| A61K 39/05        | 2-Punkt Untergruppe | . . Corynebacterium; Propionibacterium [3]                                                                 |
| A61K 39/07        | 2-Punkt Untergruppe | . . Bacillus [3]                                                                                           |
| A61K 39/08        | 2-Punkt Untergruppe | . . Clostridium, e.g. Clostridium tetani [2]                                                               |
| A61K 39/085       | 2-Punkt Untergruppe | . . Staphylococcus [3]                                                                                     |
| A61K 39/09        | 2-Punkt Untergruppe | . . Streptococcus [3]                                                                                      |
| A61K 39/095       | 2-Punkt Untergruppe | . . Neisseria [3]                                                                                          |
| A61K 39/10        | 2-Punkt Untergruppe | . . Brucella; Bordetella, e.g. Bordetella pertussis [2, 3]                                                 |
| A61K 39/102       | 2-Punkt Untergruppe | . . Pasteurella; Haemophilus [3]                                                                           |
| A61K 39/104       | 2-Punkt Untergruppe | . . Pseudomonas [3]                                                                                        |
| A61K 39/106       | 2-Punkt Untergruppe | . . Vibrio; Campylobacter [3]                                                                              |
| A61K 39/108       | 2-Punkt Untergruppe | . . Escherichia; Klebsiella [3]                                                                            |
| A61K 39/112       | 2-Punkt Untergruppe | . . Salmonella; Shigella [3]                                                                               |
| A61K 39/114       | 2-Punkt Untergruppe | . . Fusobacterium [3]                                                                                      |
| A61K 39/116       | 2-Punkt Untergruppe | . . Polyvalent bacterial antigens [3]                                                                      |
| A61K 39/118       | 1-Punkt Untergruppe | . Chlamydiaceae, e.g. Chlamydia trachomatis or Chlamydia psittaci [3]                                      |
| A61K 39/12        | 1-Punkt Untergruppe | . Viral antigens [2]                                                                                       |
| A61K 39/125       | 2-Punkt Untergruppe | . . Picornaviridae, e.g. calicivirus [3]                                                                   |
| A61K 39/13        | 3-Punkt Untergruppe | . . . Poliovirus [3]                                                                                       |
| A61K 39/135       | 3-Punkt Untergruppe | . . . Foot-and-mouth disease virus [3]                                                                     |
| A61K 39/145       | 2-Punkt Untergruppe | . . Orthomyxoviridae, e.g. influenza virus [3]                                                             |
| A61K 39/15        | 2-Punkt Untergruppe | . . Reoviridae, e.g. calf diarrhea virus [3]                                                               |
| A61K 39/155       | 2-Punkt Untergruppe | . . Paramyxoviridae, e.g. parainfluenza virus [3]                                                          |
| A61K 39/165       | 3-Punkt Untergruppe | . . . Mumps or measles virus [3]                                                                           |

| Symbol            | Typ                 | Titel                                                                                                                                                                 |
|-------------------|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| A61K 39/17        | 3-Punkt Untergruppe | . . . Newcastle disease virus [3]                                                                                                                                     |
| A61K 39/175       | 3-Punkt Untergruppe | . . . Canine distemper virus [3]                                                                                                                                      |
| A61K 39/187       | 2-Punkt Untergruppe | . . Hog cholera virus [3]                                                                                                                                             |
| A61K 39/193       | 2-Punkt Untergruppe | . . Equine encephalomyelitis virus [3]                                                                                                                                |
| A61K 39/20        | 2-Punkt Untergruppe | . . Rubella virus [2]                                                                                                                                                 |
| A61K 39/205       | 2-Punkt Untergruppe | . . Rhabdoviridae, e.g. rabies virus [3]                                                                                                                              |
| A61K 39/21        | 2-Punkt Untergruppe | . . Retroviridae, e.g. equine infectious anemia virus [3]                                                                                                             |
| A61K 39/215       | 2-Punkt Untergruppe | . . Coronaviridae, e.g. avian infectious bronchitis virus [3]                                                                                                         |
| A61K 39/225       | 3-Punkt Untergruppe | . . . Porcine transmissible gastroenteritis virus [3]                                                                                                                 |
| A61K 39/23        | 2-Punkt Untergruppe | . . Parvoviridae, e.g. feline panleukopenia virus [3]                                                                                                                 |
| A61K 39/235       | 2-Punkt Untergruppe | . . Adenoviridae [3]                                                                                                                                                  |
| A61K 39/245       | 2-Punkt Untergruppe | . . Herpesviridae, e.g. herpes simplex virus [3]                                                                                                                      |
| A61K 39/25        | 3-Punkt Untergruppe | . . . Varicella-zoster virus [3]                                                                                                                                      |
| A61K 39/255       | 3-Punkt Untergruppe | . . . Marek's disease virus [3]                                                                                                                                       |
| A61K 39/265       | 3-Punkt Untergruppe | . . . Infectious rhinotracheitis virus [3]                                                                                                                            |
| A61K 39/27        | 3-Punkt Untergruppe | . . . Equine rhinopneumonitis virus [3]                                                                                                                               |
| A61K 39/275       | 2-Punkt Untergruppe | . . Poxviridae, e.g. avipoxvirus [3]                                                                                                                                  |
| A61K 39/285       | 3-Punkt Untergruppe | . . . Vaccinia virus or variola virus [3]                                                                                                                             |
| A61K 39/29        | 2-Punkt Untergruppe | . . Hepatitis virus [3]                                                                                                                                               |
| A61K 39/295       | 2-Punkt Untergruppe | . . Polyvalent viral antigens (vaccinia virus or variola virus A61K 39/285); Mixtures of viral and bacterial antigens [3]                                             |
| A61K 39/35        | 1-Punkt Untergruppe | . Allergens [3]                                                                                                                                                       |
| A61K 39/36        | 2-Punkt Untergruppe | . . from pollen [2, 3]                                                                                                                                                |
| A61K 39/38        | 1-Punkt Untergruppe | . Antigens from snakes [2]                                                                                                                                            |
| A61K 39/385       | 1-Punkt Untergruppe | . Haptens or antigens, bound to carriers [3]                                                                                                                          |
| A61K 39/39        | 1-Punkt Untergruppe | . characterised by the immunostimulating additives, e.g. chemical adjuvants [3]                                                                                       |
| A61K 39/395       | 1-Punkt Untergruppe | . Antibodies (agglutinins A61K 38/36); Immunoglobulins; Immune serum, e.g. antilymphocytic serum [3]                                                                  |
| A61K 39/40        | 2-Punkt Untergruppe | . . bacterial [2, 3]                                                                                                                                                  |
| A61K 39/42        | 2-Punkt Untergruppe | . . viral [2, 3]                                                                                                                                                      |
| A61K 39/44        | 2-Punkt Untergruppe | . . Antibodies bound to carriers [2, 3]                                                                                                                               |
| <b>A61K 41/00</b> | <b>Hauptgruppe</b>  | <b>Medicinal preparations obtained by treating materials with wave energy or particle radiation ( A61K 31/59 takes precedence; electric discharge tubes H01J) [2]</b> |
| <b>A61K 45/00</b> | <b>Hauptgruppe</b>  | <b>Medicinal preparations containing active ingredients not provided for in groups A61K 31/00-A61K 41/00 [2, 6]</b>                                                   |



| Symbol            | Typ                 | Titel                                                                                                                                                        |
|-------------------|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| A61K 45/06        | 1-Punkt Untergruppe | . Mixtures of active ingredients without chemical characterisation, e.g. antiphlogistics and cardiaca [2]                                                    |
| A61K 45/08        | 1-Punkt Untergruppe | . Mixtures of an active ingredient and an auxiliary substance neither being chemically characterised, e.g. antihistaminicum and surface active substance [2] |
| <b>A61K 47/00</b> | <b>Hauptgruppe</b>  | <b>Medicinal preparations characterised by the non-active ingredients used, e.g. carriers, inert additives [2]</b>                                           |
| A61K 47/02        | 1-Punkt Untergruppe | . Inorganic compounds [5]                                                                                                                                    |
| A61K 47/04        | 2-Punkt Untergruppe | . . Non-metals; Compounds thereof [5]                                                                                                                        |
| A61K 47/06        | 1-Punkt Untergruppe | . Organic compounds [5]                                                                                                                                      |
| A61K 47/08        | 2-Punkt Untergruppe | . . containing oxygen [5]                                                                                                                                    |
| A61K 47/10        | 3-Punkt Untergruppe | . . . Alcohols; Phenols; Salts thereof [5]                                                                                                                   |
| A61K 47/12        | 3-Punkt Untergruppe | . . . Carboxylic acids; Salts or anhydrides thereof [5]                                                                                                      |
| A61K 47/14        | 3-Punkt Untergruppe | . . . Esters of carboxylic acids [5]                                                                                                                         |
| A61K 47/16        | 2-Punkt Untergruppe | . . containing nitrogen [5]                                                                                                                                  |
| A61K 47/18        | 3-Punkt Untergruppe | . . . Amines; Quaternary ammonium compounds [5]                                                                                                              |
| A61K 47/20        | 2-Punkt Untergruppe | . . containing sulfur [5]                                                                                                                                    |
| A61K 47/22        | 2-Punkt Untergruppe | . . Heterocyclic compounds [5]                                                                                                                               |
| A61K 47/24        | 2-Punkt Untergruppe | . . containing atoms other than carbon, hydrogen, halogen, oxygen, nitrogen or sulfur [5]                                                                    |
| A61K 47/26        | 2-Punkt Untergruppe | . . Carbohydrates [5]                                                                                                                                        |
| A61K 47/28        | 2-Punkt Untergruppe | . . Steroids [5]                                                                                                                                             |
| A61K 47/30        | 1-Punkt Untergruppe | . Macromolecular compounds [5]                                                                                                                               |
| A61K 47/32        | 2-Punkt Untergruppe | . . Macromolecular compounds obtained by reactions only involving carbon-to-carbon unsaturated bonds [5]                                                     |
| A61K 47/34        | 2-Punkt Untergruppe | . . Macromolecular compounds obtained otherwise than by reactions only involving carbon-to-carbon unsaturated bonds [5]                                      |
| A61K 47/36        | 2-Punkt Untergruppe | . . Polysaccharides; Derivatives thereof [5]                                                                                                                 |
| A61K 47/38        | 3-Punkt Untergruppe | . . . Cellulose; Derivatives thereof [5]                                                                                                                     |
| A61K 47/40        | 3-Punkt Untergruppe | . . . Cyclodextrins; Derivatives thereof [5]                                                                                                                 |
| A61K 47/42        | 2-Punkt Untergruppe | . . Proteins; Polypeptides; Degradation products thereof; Derivatives thereof [5]                                                                            |
| A61K 47/44        | 1-Punkt Untergruppe | . Oils, fats or waxes according to more than one of groups A61K 47/02-A61K 47/42 [5]                                                                         |
| A61K 47/46        | 1-Punkt Untergruppe | . Ingredients of undetermined constitution or reaction products thereof [5]                                                                                  |
| A61K 47/48        | 1-Punkt Untergruppe | . the non-active ingredient being chemically bound to the active ingredient, e.g. polymer drug conjugates [5]                                                |
| <b>A61K 48/00</b> | <b>Hauptgruppe</b>  | <b>Medicinal preparations containing genetic material which is inserted into cells of the living body to treat genetic diseases; Gene therapy [5]</b>        |
| <b>A61K 49/00</b> | <b>Hauptgruppe</b>  | <b>Preparations for testing <u>in vivo</u> [3]</b>                                                                                                           |
| A61K 49/04        | 1-Punkt Untergruppe | . X-ray contrast preparations [3]                                                                                                                            |

| Symbol             | Typ                 | Titel                                                                                                                                                                                                                                            |
|--------------------|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| A61K 49/06         | 1-Punkt Untergruppe | . Nuclear magnetic resonance (NMR) contrast preparations; Magnetic resonance imaging (MRI) contrast preparations [7]                                                                                                                             |
| A61K 49/08         | 2-Punkt Untergruppe | . . characterised by the carrier [7]                                                                                                                                                                                                             |
| A61K 49/10         | 3-Punkt Untergruppe | . . . Organic compounds [7]                                                                                                                                                                                                                      |
| A61K 49/12         | 4-Punkt Untergruppe | . . . . Macromolecular compounds [7]                                                                                                                                                                                                             |
| A61K 49/14         | 4-Punkt Untergruppe | . . . . Peptides, e.g. proteins [7]                                                                                                                                                                                                              |
| A61K 49/16         | 5-Punkt Untergruppe | . . . . . Antibodies; Immunoglobulins; Fragments thereof [7]                                                                                                                                                                                     |
| A61K 49/18         | 2-Punkt Untergruppe | . . characterised by a special physical form, e.g. emulsions, microcapsules, liposomes [7]                                                                                                                                                       |
| A61K 49/20         | 2-Punkt Untergruppe | . . containing free radicals [7]                                                                                                                                                                                                                 |
| A61K 49/22         | 1-Punkt Untergruppe | . Echographic preparations; Ultrasound imaging preparations [7]                                                                                                                                                                                  |
| <b>A61K 50/00</b>  | <b>Hauptgruppe</b>  | <b><i>Electrically conductive preparations for use in therapy or testing <u>in vivo</u> , e.g. conductive adhesives or gels to be used with electrodes for electrocardiography (ECG) or for transcutaneous drug administration [2006.01]</i></b> |
| <b>A61K 51/00</b>  | <b>Hauptgruppe</b>  | <b>Preparations containing radioactive substances for use in therapy or testing <u>in vivo</u> [6]</b>                                                                                                                                           |
| A61K 51/02         | 1-Punkt Untergruppe | . characterised by the carrier [6]                                                                                                                                                                                                               |
| A61K 51/04         | 2-Punkt Untergruppe | . . Organic compounds [6]                                                                                                                                                                                                                        |
| A61K 51/06         | 3-Punkt Untergruppe | . . . Macromolecular compounds [6]                                                                                                                                                                                                               |
| A61K 51/08         | 3-Punkt Untergruppe | . . . Peptides, e.g. proteins [6]                                                                                                                                                                                                                |
| A61K 51/10         | 4-Punkt Untergruppe | . . . . Antibodies or immunoglobulins; Fragments thereof [6]                                                                                                                                                                                     |
| A61K 51/12         | 1-Punkt Untergruppe | . characterised by a special physical form, e.g. emulsion, microcapsules, liposomes [6]                                                                                                                                                          |
|                    |                     | <b><u>Indexing scheme associated with group A61K 51/00, relating to the nature of the radioactive substance. [6]</u></b>                                                                                                                         |
| <b>A61K 101/00</b> | <b>Hauptgruppe</b>  | <b>Radioactive non-metals [6]</b>                                                                                                                                                                                                                |
| A61K 101/02        | 1-Punkt Untergruppe | . Halogens [6]                                                                                                                                                                                                                                   |
| <b>A61K 103/00</b> | <b>Hauptgruppe</b>  | <b>Radioactive metals [6]</b>                                                                                                                                                                                                                    |
| A61K 103/10        | 1-Punkt Untergruppe | . Technetium; Rhenium [6]                                                                                                                                                                                                                        |
| A61K 103/20        | 1-Punkt Untergruppe | . Indium [6]                                                                                                                                                                                                                                     |
| A61K 103/30        | 1-Punkt Untergruppe | . Rare earths [6]                                                                                                                                                                                                                                |
| A61K 103/32        | 2-Punkt Untergruppe | . . Yttrium [6]                                                                                                                                                                                                                                  |
| A61K 103/34        | 2-Punkt Untergruppe | . . Gadolinium [6]                                                                                                                                                                                                                               |
| A61K 103/36        | 2-Punkt Untergruppe | . . Ytterbium [6]                                                                                                                                                                                                                                |
| A61K 103/40        | 1-Punkt Untergruppe | . Actinides [6]                                                                                                                                                                                                                                  |
|                    |                     | <b><u>Indexing scheme associated with group A61K 36/00, relating to plant parts with medicinal activity. [2006.01]</u></b>                                                                                                                       |
| <b>A61K 125/00</b> | <b>Hauptgruppe</b>  | <b><i>Containing or obtained from roots, bulbs, tubers, corms or rhizomes [2006.01]</i></b>                                                                                                                                                      |
| <b>A61K 127/00</b> | <b>Hauptgruppe</b>  | <b><i>Containing or obtained from leaves [2006.01]</i></b>                                                                                                                                                                                       |
| <b>A61K 129/00</b> | <b>Hauptgruppe</b>  | <b><i>Containing or obtained from bark [2006.01]</i></b>                                                                                                                                                                                         |

| Symbol             | Typ                | Titel                                                                                        |
|--------------------|--------------------|----------------------------------------------------------------------------------------------|
| <b>A61K 131/00</b> | <b>Hauptgruppe</b> | <b><i>Containing or obtained from seeds, nuts, fruits or grains [2006.01]</i></b>            |
| <b>A61K 133/00</b> | <b>Hauptgruppe</b> | <b><i>Containing or obtained from flowers or blossoms [2006.01]</i></b>                      |
| <b>A61K 135/00</b> | <b>Hauptgruppe</b> | <b><i>Containing or obtained from stems, stalks, branches, twigs or shoots [2006.01]</i></b> |