

| Symbol           | Typ                   | Titel   |
|------------------|-----------------------|---|
| <b>A</b>         | <b>Sektion</b>        | <b>HUMAN NECESSITIES</b>  |
| <b>A61</b>       | <b>Untersektion</b>   | <b>HEALTH; LIFE-SAVING; AMUSEMENT</b>   |
| <b>A61</b>       | <b>Klasse</b>         | <b>MEDICAL OR VETERINARY SCIENCE; HYGIENE</b>   |
| <b>A61K</b>      | <b>Unterkategorie</b> | <b>PREPARATIONS FOR MEDICAL, DENTAL, OR TOILET PURPOSES (devices or methods specially adapted for bringing pharmaceutical products into particular physical or administering forms A61J 3/00; 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; soap compositions C11D)</b> |
| <b>A61K 6/00</b> | <b>Hauptgruppe</b>    | <b>Preparations for dentistry (teeth cleaning preparations A61K 8/00, A61Q 11/00; fastening dental prostheses in the mouth using adhesive foils or adhesive compositions A61C 13/23) [3, 2006.01]</b>   |
| A61K 6/02        | 1-Punkt Untergruppe   | . Use of preparations for artificial teeth, for filling or for capping teeth [3, 2006.01]   |
| A61K 6/027       | 2-Punkt Untergruppe   | ... Use of non-metallic elements or compounds thereof, e.g. carbon [5, 2006.01]   |
| A61K 6/033       | 3-Punkt Untergruppe   | ... Phosphorus compounds, e.g. apatite [5, 2006.01]   |
| A61K 6/04        | 2-Punkt Untergruppe   | ... Use of metals or alloys [3, 2006.01]  |
| A61K 6/05        | 3-Punkt Untergruppe   | ... Amalgams [5, 2006.01]   |
| A61K 6/06        | 2-Punkt Untergruppe   | ... Use of inorganic cements [3, 2006.01]   |
| A61K 6/08        | 2-Punkt Untergruppe   | ... Use of natural or synthetic resins [3, 2006.01]   |
| A61K 6/083       | 3-Punkt Untergruppe   | ... Compounds obtained by reactions only involving carbon-to-carbon unsaturated bonds [5, 2006.01]  |
| A61K 6/087       | 3-Punkt Untergruppe   | ... Compounds obtained otherwise than by reactions only involving carbon-to-carbon unsaturated bonds [5, 2006.01]   |
| A61K 6/09        | 4-Punkt Untergruppe   | .... Polyurethanes [5, 2006.01]   |
| A61K 6/093       | 4-Punkt Untergruppe   | .... Polyorganosilicon compounds [5, 2006.01]   |
| A61K 6/097       | 3-Punkt Untergruppe   | ... Polysaccharides [5, 2006.01]  |
| A61K 6/10        | 1-Punkt Untergruppe   | . Compositions for taking dental impressions [3, 2006.01]   |
| <b>A61K 8/00</b> | <b>Hauptgruppe</b>    | <b>Cosmetics or similar toilet preparations [2006.01]</b>   |
| A61K 8/02        | 1-Punkt Untergruppe   | . characterised by special physical form [2006.01]  |
| A61K 8/03        | 2-Punkt Untergruppe   | ... Liquid compositions with two or more distinct layers [2006.01]  |
| A61K 8/04        | 2-Punkt Untergruppe   | ... Dispersions; Emulsions [2006.01]  |
| A61K 8/06        | 3-Punkt Untergruppe   | ... Emulsions [2006.01]   |
| A61K 8/11        | 2-Punkt Untergruppe   | ... Encapsulated compositions [2006.01]   |
| A61K 8/14        | 2-Punkt Untergruppe   | ... Liposomes [2006.01]   |
| A61K 8/18        | 1-Punkt Untergruppe   | . characterised by the composition [2006.01]  |
| A61K 8/19        | 2-Punkt Untergruppe   | ... containing inorganic ingredients [2006.01]  |
| A61K 8/20        | 3-Punkt Untergruppe   | ... Halogens; Compounds thereof [2006.01]   |
| A61K 8/21        | 4-Punkt Untergruppe   | .... Fluorides; Derivatives thereof [2006.01]   |

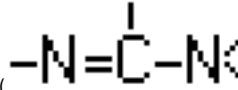
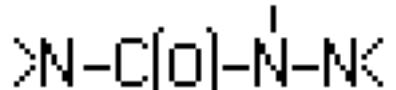
| Symbol     | Typ                 | Titel  |
|------------|---------------------|--|
| A61K 8/22  | 3-Punkt Untergruppe | ... Peroxides; Oxygen; Ozone [2006.01]   |
| A61K 8/23  | 3-Punkt Untergruppe | ... Sulfur; Selenium; Tellurium; Compounds thereof [2006.01]   |
| A61K 8/24  | 3-Punkt Untergruppe | ... Phosphorus; Compounds thereof [2006.01]  |
| A61K 8/25  | 3-Punkt Untergruppe | ... Silicon; Compounds thereof [2006.01]   |
| 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]  |

| Symbol     | Typ                 | Titel   |
|------------|---------------------|---|
| 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]  |
| A61K 8/67  | 3-Punkt Untergruppe | ... Vitamins [2006.01]  |
| A61K 8/68  | 3-Punkt Untergruppe | ... Sphingolipids, e.g. ceramides, cerebrosides, 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-betainate [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]                                    |

| Symbol           | Typ                 | Titel  |
|------------------|---------------------|--|
| A61K 8/97        | 3-Punkt Untergruppe | ... from algae, fungi, lichens or plants; from derivatives thereof [2006.01, 2017.01]  |
| A61K 8/9706      | 4-Punkt Untergruppe | .... Algae [2017.01]   |
| A61K 8/9711      | 5-Punkt Untergruppe | ..... Phaeophycota or Phaeophyta [brown algae], e.g. Fucus [2017.01]   |
| A61K 8/9717      | 5-Punkt Untergruppe | ..... Rhodophycota or Rhodophyta [red algae], e.g. Porphyra [2017.01]  |
| A61K 8/9722      | 5-Punkt Untergruppe | ..... Chlorophycota or Chlorophyta [green algae], e.g. Chlorella [2017.01]   |
| A61K 8/9728      | 4-Punkt Untergruppe | .... Fungi, e.g. yeasts [2017.01]  |
| A61K 8/9733      | 4-Punkt Untergruppe | .... Lichens [2017.01]   |
| A61K 8/9739      | 4-Punkt Untergruppe | .... Bryophyta [mosses] [2017.01]  |
| A61K 8/9741      | 4-Punkt Untergruppe | .... Pteridophyta [ferns] [2017.01]  |
| A61K 8/9749      | 5-Punkt Untergruppe | .... Filicopsida or Pteridopsida [2017.01]   |
| A61K 8/9755      | 4-Punkt Untergruppe | .... Gymnosperms [Coniferophyta] [2017.01]   |
| A61K 8/9761      | 5-Punkt Untergruppe | .... Cupressaceae [Cypress family], e.g. juniper or cypress [2017.01]  |
| A61K 8/9767      | 5-Punkt Untergruppe | .... Pinaceae [Pine family], e.g. pine or cedar [2017.01]  |
| A61K 8/9771      | 4-Punkt Untergruppe | .... Ginkgophyta, e.g. Ginkgoaceae [Ginkgo family] [2017.01]   |
| A61K 8/9778      | 4-Punkt Untergruppe | .... Gnethophyta, e.g. Ephedraceae [Mormon-tea family] [2017.01]   |
| A61K 8/9783      | 4-Punkt Untergruppe | .... Angiosperms [Magnoliophyta] [2017.01]   |
| A61K 8/9789      | 5-Punkt Untergruppe | .... Magnoliopsida [dicotyledons] [2017.01]  |
| A61K 8/9794      | 5-Punkt Untergruppe | .... Liliopsida [monocotyledons] [2017.01]   |
| A61K 8/98        | 3-Punkt Untergruppe | ... of animal origin [2006.01]   |
| A61K 8/99        | 3-Punkt Untergruppe | ... from microorganisms other than algae or fungi, e.g. protozoa or bacteria [2006.01, 2017.01]  |
| <b>A61K 9/00</b> | <b>Hauptgruppe</b>  | <b>Medicinal preparations characterised by special physical form [1, 2006.01]</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) [1, 2006.01] |
| A61K 9/06        | 1-Punkt Untergruppe | . Ointments; Bases therefor (apparatus for making A61J 3/04) [1, 2006.01]  |
| A61K 9/08        | 1-Punkt Untergruppe | . Solutions [2, 3, 2006.01]  |
| A61K 9/10        | 1-Punkt Untergruppe | . Dispersions; Emulsions [2, 3, 2006.01]   |
| A61K 9/107       | 2-Punkt Untergruppe | .. Emulsions [5, 2006.01]  |
| A61K 9/113       | 3-Punkt Untergruppe | ... Multiple emulsions, e.g. oil-in-water-in-oil [5, 2006.01]  |
| A61K 9/12        | 2-Punkt Untergruppe | .. Aerosols; Foams [2, 3, 2006.01]   |
| A61K 9/127       | 2-Punkt Untergruppe | .. Liposomes [5, 2006.01]  |
| A61K 9/133       | 3-Punkt Untergruppe | ... Unilamellar vesicles [5, 2006.01]  |
| A61K 9/14        | 1-Punkt Untergruppe | . Particulate form, e.g. powders (microcapsules A61K 9/50) [2, 2006.01]  |
| A61K 9/16        | 2-Punkt Untergruppe | .. Agglomerates; Granulates; Microbeadlets [2, 2006.01]  |

| Symbol            | Typ                 | Titel   |
|-------------------|---------------------|---|
| A61K 9/18         | 2-Punkt Untergruppe | ... Adsorbates [2, 2006.01]   |
| A61K 9/19         | 2-Punkt Untergruppe | ... lyophilised [6, 2006.01]  |
| A61K 9/20         | 1-Punkt Untergruppe | . Pills, lozenges or tablets [2, 2006.01]   |
| A61K 9/22         | 2-Punkt Untergruppe | ... Sustained or differential release type [2, 2006.01]   |
| A61K 9/24         | 3-Punkt Untergruppe | ... Layered or laminated unitary dosage forms [2, 2006.01]  |
| A61K 9/26         | 3-Punkt Untergruppe | ... Discrete particles in supporting matrix [2, 2006.01]  |
| A61K 9/28         | 2-Punkt Untergruppe | ... Dragees; Coated pills or tablets [2, 2006.01]   |
| A61K 9/30         | 3-Punkt Untergruppe | ... Organic coatings [2, 2006.01]   |
| A61K 9/32         | 4-Punkt Untergruppe | .... containing solid synthetic polymers [2, 2006.01]   |
| A61K 9/34         | 4-Punkt Untergruppe | .... containing natural gums or resins [2, 2006.01]   |
| A61K 9/36         | 4-Punkt Untergruppe | .... containing carbohydrates or derivatives thereof (A61K 9/34 takes precedence) [2, 2006.01]                        |
| A61K 9/38         | 4-Punkt Untergruppe | .... containing proteins or derivatives thereof [2, 2006.01]  |
| A61K 9/40         | 5-Punkt Untergruppe | ..... Gelatin containing [2, 2006.01]   |
| A61K 9/42         | 4-Punkt Untergruppe | .... containing waxes, higher fatty acids, higher fatty alcohols, or derivatives thereof, e.g. chocolate [2, 2006.01] |
| A61K 9/44         | 2-Punkt Untergruppe | ... printed, embossed, grooved, or perforated [2, 2006.01]  |
| A61K 9/46         | 2-Punkt Untergruppe | ... effervescent [2, 2006.01]   |
| A61K 9/48         | 1-Punkt Untergruppe | . Preparations in capsules, e.g. of gelatin, of chocolate [2, 2006.01]  |
| A61K 9/50         | 2-Punkt Untergruppe | ... Microcapsules (A61K 9/52 takes precedence) [2, 2006.01]   |
| A61K 9/51         | 3-Punkt Untergruppe | ... Nanocapsules [5, 2006.01]   |
| A61K 9/52         | 2-Punkt Untergruppe | ... Sustained or differential release type [2, 2006.01]   |
| A61K 9/54         | 3-Punkt Untergruppe | ... containing discrete particles with coatings of different thicknesses or different materials [2, 2006.01]          |
| A61K 9/56         | 4-Punkt Untergruppe | .... Organic coatings [2, 2006.01]  |
| A61K 9/58         | 5-Punkt Untergruppe | ..... containing solid synthetic polymers [2, 2006.01]  |
| A61K 9/60         | 5-Punkt Untergruppe | ..... containing natural gums or resins [2, 2006.01]  |
| A61K 9/62         | 5-Punkt Untergruppe | ..... containing carbohydrates or derivatives thereof (A61K 9/60 takes precedence) [2, 2006.01]                       |
| A61K 9/64         | 5-Punkt Untergruppe | ..... containing proteins or derivatives thereof [2, 2006.01]   |
| A61K 9/66         | 3-Punkt Untergruppe | ... containing emulsions, dispersions or solutions [2, 2006.01]   |
| A61K 9/68         | 1-Punkt Untergruppe | . chewing gum type [2, 2006.01]   |
| A61K 9/70         | 1-Punkt Untergruppe | . Web, sheet or filament bases [2, 2006.01]   |
| A61K 9/72         | 1-Punkt Untergruppe | . for smoking or inhaling [2, 2006.01]  |
| <b>A61K 31/00</b> | <b>Hauptgruppe</b>  | <b>Medicinal preparations containing organic active ingredients [2, 2006.01]</b>                                      |
| A61K 31/01        | 1-Punkt Untergruppe | . Hydrocarbons [2, 2006.01]   |

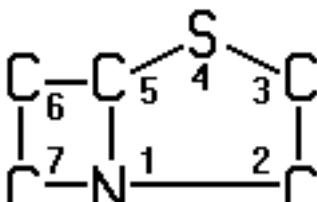
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|-------------|---------------------|--|
| A61K 31/015 | 2-Punkt Untergruppe | ... carbocyclic [2, 2006.01]   |
| A61K 31/02  | 1-Punkt Untergruppe | . Halogenated hydrocarbons [2, 2006.01]  |
| A61K 31/025 | 2-Punkt Untergruppe | ... carbocyclic [2, 2006.01]   |
| A61K 31/03  | 3-Punkt Untergruppe | ... aromatic [2, 2006.01]  |
| A61K 31/035 | 2-Punkt Untergruppe | ... having aliphatic unsaturation [2, 2006.01]   |
| A61K 31/04  | 1-Punkt Untergruppe | . Nitro compounds [2, 2006.01]   |
| A61K 31/045 | 1-Punkt Untergruppe | . Hydroxy compounds, e.g. alcohols; Salts thereof, e.g. alcoholates (hydroperoxides A61K 31/327) [2, 7, 2006.01]       |
| A61K 31/047 | 2-Punkt Untergruppe | ... having two or more hydroxy groups, e.g. sorbitol [7, 2006.01]  |
| A61K 31/05  | 2-Punkt Untergruppe | ... Phenols [2, 2006.01]   |
| A61K 31/055 | 3-Punkt Untergruppe | ... the aromatic ring being substituted by halogen [2, 2006.01]  |
| A61K 31/06  | 3-Punkt Untergruppe | ... the aromatic ring being substituted by nitro groups [2, 2006.01]   |
| A61K 31/065 | 2-Punkt Untergruppe | ... Diphenyl-substituted acyclic alcohols [2, 2006.01]   |
| A61K 31/07  | 2-Punkt Untergruppe | ... Retinol compounds, e.g. vitamin A (retinoic acids A61K 31/203) [2, 7, 2006.01]                                     |
| A61K 31/075 | 1-Punkt Untergruppe | . Ethers or acetals [2, 2006.01]   |
| A61K 31/08  | 2-Punkt Untergruppe | ... acyclic, e.g. paraformaldehyde [2, 2006.01]  |
| A61K 31/085 | 2-Punkt Untergruppe | ... having an ether linkage to aromatic ring nuclear carbon [2, 2006.01]   |
| A61K 31/09  | 3-Punkt Untergruppe | ... having two or more such linkages [2, 2006.01]  |
| A61K 31/095 | 1-Punkt Untergruppe | . Sulfur, selenium or tellurium compounds, e.g. thiols [2, 2006.01]  |
| A61K 31/10  | 2-Punkt Untergruppe | ... Sulfides; Sulfoxides; Sulfones [2, 2006.01]  |
| A61K 31/105 | 2-Punkt Untergruppe | ... Persulfides (thiuram disulfides A61K 31/145; thiosulfonic acids A61K 31/185) [2, 2006.01]                          |
| A61K 31/11  | 1-Punkt Untergruppe | . Aldehydes [2, 2006.01]   |
| A61K 31/115 | 2-Punkt Untergruppe | ... Formaldehyde [2, 2006.01]  |
| A61K 31/12  | 1-Punkt Untergruppe | . Ketones [2, 2006.01]   |
| A61K 31/121 | 2-Punkt Untergruppe | ... acyclic [7, 2006.01]   |
| 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, 2006.01] |
| A61K 31/125 | 3-Punkt Untergruppe | ... Camphor; Nuclear substituted derivatives thereof [2, 2006.01]  |
| A61K 31/13  | 1-Punkt Untergruppe | . Amines, e.g. amantadine (A61K 31/04 takes precedence) [2, 2006.01]   |
| A61K 31/131 | 2-Punkt Untergruppe | ... acyclic [7, 2006.01]   |
| A61K 31/132 | 2-Punkt Untergruppe | ... having two or more amino groups, e.g. spermidine, putrescine [7, 2006.01]  |
| A61K 31/133 | 2-Punkt Untergruppe | ... having hydroxy groups, e.g. sphingosine [7, 2006.01]   |
| A61K 31/135 | 2-Punkt Untergruppe | ... having aromatic rings, e.g. methadone [2, 7, 2006.01]  |

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|-------------|---------------------|---|
| A61K 31/136 | 3-Punkt Untergruppe | ... having the amino group directly attached to the aromatic ring, e.g. benzeneamine [7, 2006.01]   |
| A61K 31/137 | 3-Punkt Untergruppe | ... Arylalkylamines, e.g. amphetamine, epinephrine, salbutamol, ephedrine [7, 2006.01]  |
| 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, 2006.01]   |
| A61K 31/14  | 2-Punkt Untergruppe | ... Quaternary ammonium compounds, e.g. edrophonium, choline (betaines A61K 31/205) [2, 2006.01]  |
| A61K 31/145 | 2-Punkt Untergruppe | ... having sulfur atoms, e.g. thiurams ( $\text{N}(\text{S})-\text{S}-\text{C}(\text{S})-\text{N}$ , or $\text{N}(\text{S})-\text{S}-\text{S}-\text{C}(\text{S})-\text{N}$ ); Sulfinylamines ( $-\text{N}=\text{SO}_2$ ); Sulfonylamines (isothioureas A61K 31/155) [2, 7, 2006.01]   |
| A61K 31/15  | 2-Punkt Untergruppe | ... Oximes ( $\text{C}=\text{N}-\text{O}-$ ); Hydrazines ( $\text{N}-\text{N}$ ); Hydrazones ( $\text{N}-\text{N}=$ ) [2, 2006.01]  |
| A61K 31/155 | 2-Punkt Untergruppe | <br>... Amidines ( $\text{N}(\text{H})-\text{C}(=\text{NH})-\text{NH}_2$ ), 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, 2006.01] |
| A61K 31/16  | 1-Punkt Untergruppe | . Amides, e.g. hydroxamic acids [2, 2006.01]  |
| A61K 31/164 | 2-Punkt Untergruppe | ... of a carboxylic acid with an aminoalcohol, e.g. ceramides [7, 2006.01]  |
| A61K 31/165 | 2-Punkt Untergruppe | ... having aromatic rings, e.g. colchicine, atenolol, pro gabide [2, 2006.01]   |
| 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, 2006.01]   |
| 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, 2006.01]  |
| A61K 31/17  | 2-Punkt Untergruppe | ... having the group $\text{N}(\text{O})-\text{N}$ or $\text{N}(\text{S})-\text{N}$ , e.g. urea, thiourea, carmustine (isoureas, isothioureas A61K 31/155; sulfonyleureas A61K 31/64) [2, 7, 2006.01]   |
| A61K 31/175 | 3-Punkt Untergruppe | <br>... having the group $\text{N}(\text{O})-\text{N}-\text{N}=\text{C}(=\text{O})-$ , e.g. carbonohydrazides, carbazones, semicarbazides, semicarbazones; Thioanalogen thereof [2, 7, 2006.01]   |
| A61K 31/18  | 2-Punkt Untergruppe | ... Sulfonamides (compounds containing a para-N-benzene-sulfonyl-N-group A61K 31/63) [2, 2006.01]   |
| A61K 31/185 | 1-Punkt Untergruppe | . Acids; Anhydrides, halides or salts thereof, e.g. sulfur acids, imidic, hydrazonic or hydroximic acids (hydroxamic acids A61K 31/16; peroxy acids A61K 31/327) [2, 7, 2006.01]  |
| A61K 31/19  | 2-Punkt Untergruppe | ... Carboxylic acids, e.g. valproic acid (salicylic acid A61K 31/60) [2, 7, 2006.01]  |
| A61K 31/191 | 3-Punkt Untergruppe | ... Acyclic acids having two or more hydroxy groups, e.g. gluconic acid [7, 2006.01]  |
| A61K 31/192 | 3-Punkt Untergruppe | ... having aromatic groups, e.g. sulindac, 2-aryl-propionic acids, ethacrynic acid [7, 2006.01]   |
| A61K 31/194 | 3-Punkt Untergruppe | ... having two or more carboxyl groups, e.g. succinic, maleic or phthalic acid [7, 2006.01]   |
| A61K 31/195 | 3-Punkt Untergruppe | ... having an amino group [2, 7, 2006.01]   |
| A61K 31/196 | 4-Punkt Untergruppe | .... the amino group being directly attached to a ring, e.g. anthranilic acid, mefenamic acid, diclofenac, chlorambucil [7, 2006.01]  |

| Symbol      | Typ                 | Titel   |
|-------------|---------------------|---|
| 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, 2006.01]   |
| 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, 2006.01] |
| 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, 2006.01]  |
| A61K 31/201 | 4-Punkt Untergruppe | .... having one or two double bonds, e.g. oleic or linoleic acid [7, 2006.01]   |
| A61K 31/202 | 4-Punkt Untergruppe | .... having three or more double bonds, e.g. linolenic acid (eicosanoids, e.g. leukotrienes, A61K 31/557) [7, 2006.01]  |
| A61K 31/203 | 4-Punkt Untergruppe | .... Retinoic acids [7, 2006.01]  |
| A61K 31/205 | 2-Punkt Untergruppe | .. Amine addition salts of organic acids; Inner quaternary ammonium salts, e.g. betaine, carnitine [2, 2006.01]   |
| A61K 31/21  | 1-Punkt Untergruppe | . Esters, e.g. nitroglycerine, selenocyanates [2, 2006.01]  |
| A61K 31/215 | 2-Punkt Untergruppe | .. of carboxylic acids [2, 2006.01]   |
| A61K 31/216 | 3-Punkt Untergruppe | ... of acids having aromatic rings, e.g. benactizyne, clofibrate [7, 2006.01]   |
| A61K 31/22  | 3-Punkt Untergruppe | ... of acyclic acids, e.g. pravastatin [2, 2006.01]   |
| A61K 31/221 | 4-Punkt Untergruppe | .... with compounds having an amino group, e.g. acetylcholine, acetylcarnitine [7, 2006.01]   |
| A61K 31/222 | 4-Punkt Untergruppe | .... with compounds having aromatic groups, e.g. dipivefrine, ibopamine [7, 2006.01]  |
| A61K 31/223 | 4-Punkt Untergruppe | .... of alpha-amino acids [7, 2006.01]  |
| A61K 31/225 | 4-Punkt Untergruppe | .... Polycarboxylic acids [2, 2006.01]  |
| A61K 31/23  | 4-Punkt Untergruppe | .... of acids having a carboxyl group bound to a chain of seven or more carbon atoms [2, 2006.01]   |
| A61K 31/231 | 5-Punkt Untergruppe | ..... having one or two double bonds [7, 2006.01]   |
| A61K 31/232 | 5-Punkt Untergruppe | ..... having three or more double bonds, e.g. etretinate [7, 2006.01]   |
| A61K 31/235 | 3-Punkt Untergruppe | ... having an aromatic ring attached to a carboxyl group [2, 2006.01]   |
| A61K 31/24  | 4-Punkt Untergruppe | .... having an amino or nitro group [2, 2006.01]  |
| A61K 31/245 | 5-Punkt Untergruppe | ..... Amino benzoic acid types, e.g. procaine, novocaine (salicylic acid esters A61K 31/60) [2, 2006.01]  |
| A61K 31/25  | 3-Punkt Untergruppe | ... with polyoxyalkylated alcohols, e.g. esters of polyethylene glycol [2, 2006.01]   |
| A61K 31/255 | 2-Punkt Untergruppe | .. of sulfoxy acids or sulfur analogues thereof [2, 2006.01]  |
| A61K 31/26  | 2-Punkt Untergruppe | .. Cyanate or isocyanate esters; Thiocyanate or isothiocyanate esters [2, 7, 2006.01]   |
| A61K 31/265 | 2-Punkt Untergruppe | .. of carbonic, thiocarbonic or thiocarboxylic acids, e.g. thioacetic acid, xanthogenic acid, trithiocarbonic acid [2, 2006.01]   |
| A61K 31/27  | 2-Punkt Untergruppe | .. of carbamic or thiocarbamic acids, e.g. meprobamate, carbachol, neostigmine [2, 2006.01]   |
| A61K 31/275 | 1-Punkt Untergruppe | . Nitriles; Isonitriles [2, 2006.01]  |
| A61K 31/277 | 2-Punkt Untergruppe | .. having a ring, e.g. verapamil [7, 2006.01]   |

| Symbol      | Typ                 | Titel   |
|-------------|---------------------|---|
| A61K 31/28  | 1-Punkt Untergruppe | . Compounds containing heavy metals [2, 2006.01]  |
| A61K 31/282 | 2-Punkt Untergruppe | ... Platinum compounds [7, 2006.01]   |
| A61K 31/285 | 2-Punkt Untergruppe | ... Arsenic compounds [2, 2006.01]  |
| A61K 31/29  | 2-Punkt Untergruppe | ... Antimony or bismuth compounds [2, 2006.01]  |
| A61K 31/295 | 2-Punkt Untergruppe | ... Iron group metal compounds [2, 2006.01]   |
| A61K 31/30  | 2-Punkt Untergruppe | ... Copper compounds [2, 2006.01]   |
| A61K 31/305 | 2-Punkt Untergruppe | ... Mercury compounds [2, 2006.01]  |
| A61K 31/31  | 3-Punkt Untergruppe | ... containing nitrogen [2, 2006.01]  |
| A61K 31/315 | 2-Punkt Untergruppe | ... Zinc compounds [2, 2006.01]   |
| A61K 31/32  | 2-Punkt Untergruppe | ... Tin compounds [2, 2006.01]  |
| A61K 31/325 | 1-Punkt Untergruppe | . Carbamic acids; Thiocarbamic acids; Anhydrides or salts thereof (thiurams A61K 31/145) [2, 2006.01]             |
| A61K 31/327 | 1-Punkt Untergruppe | . Peroxy compounds, e.g. hydroperoxides, peroxides, peroxy acids [7, 2006.01]                                     |
| A61K 31/33  | 1-Punkt Untergruppe | . Heterocyclic compounds [2, 2006.01]   |
| A61K 31/335 | 2-Punkt Untergruppe | ... having oxygen as the only ring hetero atom, e.g. fungichromin [2, 2006.01]                                    |
| A61K 31/336 | 3-Punkt Untergruppe | ... having three-membered rings, e.g. oxirane, fumagillin [7, 2006.01]  |
| A61K 31/337 | 3-Punkt Untergruppe | ... having four-membered rings, e.g. taxol [7, 2006.01]   |
| A61K 31/34  | 3-Punkt Untergruppe | ... having five-membered rings with one oxygen as the only ring hetero atom, e.g. isosorbide [2, 2006.01]         |
| A61K 31/341 | 4-Punkt Untergruppe | .... not condensed with another ring, e.g. ranitidine, furosemide, bufetolol, muscarine [7, 2006.01]              |
| A61K 31/343 | 4-Punkt Untergruppe | .... condensed with a carbocyclic ring, e.g. coumaran, bufuralol, befunolol, clobenfurol, amiodarone [7, 2006.01] |
| A61K 31/345 | 4-Punkt Untergruppe | .... Nitrofurans (nitrofuranoin A61K 31/4178) [2, 7, 2006.01]   |
| A61K 31/35  | 3-Punkt Untergruppe | ... having six-membered rings with one oxygen as the only ring hetero atom [2, 2006.01]                           |
| A61K 31/351 | 4-Punkt Untergruppe | .... not condensed with another ring [7, 2006.01]   |
| A61K 31/352 | 4-Punkt Untergruppe | .... condensed with carbocyclic rings, e.g. cannabinoids, methantheline [7, 2006.01]                              |
| A61K 31/353 | 5-Punkt Untergruppe | ..... 3,4-Dihydrobenzopyrans, e.g. chroman, catechin [7, 2006.01]   |
| A61K 31/355 | 6-Punkt Untergruppe | ..... Tocopherols, e.g. vitamin E [2, 2006.01]  |
| A61K 31/357 | 3-Punkt Untergruppe | ... having two or more oxygen atoms in the same ring, e.g. crown ethers, guanadrel [7, 2006.01]                   |
| A61K 31/36  | 4-Punkt Untergruppe | .... Compounds containing methylenedioxyphenyl groups, e.g. sesamin [2, 2006.01]                                  |
| A61K 31/365 | 3-Punkt Untergruppe | ... Lactones [2, 2006.01]   |
| A61K 31/366 | 4-Punkt Untergruppe | .... having six-membered rings, e.g. delta-lactones [7, 2006.01]  |
| A61K 31/37  | 5-Punkt Untergruppe | .... Coumarins, e.g. psoralen [2, 2006.01]  |
| A61K 31/375 | 4-Punkt Untergruppe | .... Ascorbic acid, i.e. vitamin C; Salts thereof [2, 2006.01]  |

| Symbol       | Typ                 | Titel   |
|--------------|---------------------|---|
| A61K 31/38   | 2-Punkt Untergruppe | ... having sulfur as a ring hetero atom [2, 2006.01]  |
| A61K 31/381  | 3-Punkt Untergruppe | ... having five-membered rings [7, 2006.01]   |
| A61K 31/382  | 3-Punkt Untergruppe | ... having six-membered rings, e.g. thioxanthenes (thiothixene A61K 31/496) [7, 2006.01]  |
| A61K 31/385  | 3-Punkt Untergruppe | ... having two or more sulfur atoms in the same ring [2, 2006.01]   |
| A61K 31/39   | 3-Punkt Untergruppe | ... having oxygen atoms in the same ring [2, 2006.01]   |
| A61K 31/395  | 2-Punkt Untergruppe | ... having nitrogen as a ring hetero atom, e.g. guanethidine, rifamycins (rifampin A61K 31/496) [2, 7, 2006.01]                               |
| A61K 31/396  | 3-Punkt Untergruppe | ... having three-membered rings, e.g. aziridine [7, 2006.01]  |
| A61K 31/397  | 3-Punkt Untergruppe | ... having four-membered rings, e.g. azetidine [7, 2006.01]   |
| 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, 2006.01] |
| A61K 31/401  | 4-Punkt Untergruppe | .... Proline; Derivatives thereof, e.g. captopril [7, 2006.01]  |
| A61K 31/4015 | 4-Punkt Untergruppe | .... having oxo groups directly attached to the heterocyclic ring, e.g. piracetam, ethosuximide [7, 2006.01]                                  |
| A61K 31/402  | 4-Punkt Untergruppe | .... 1-aryl-substituted, e.g. piretanide [7, 2006.01]   |
| A61K 31/4025 | 4-Punkt Untergruppe | .... not condensed and containing further heterocyclic rings, e.g. cromakalim [7, 2006.01]  |
| A61K 31/403  | 4-Punkt Untergruppe | .... condensed with carbocyclic rings, e.g. carbazole [7, 2006.01]  |
| A61K 31/4035 | 5-Punkt Untergruppe | ..... Isoindoles, e.g. phthalimide [7, 2006.01]   |
| A61K 31/404  | 5-Punkt Untergruppe | ..... Indoles, e.g. pindolol [7, 2006.01]   |
| A61K 31/4045 | 6-Punkt Untergruppe | ..... Indole-alkylamines; Amides thereof, e.g. serotonin, melatonin [7, 2006.01]  |
| A61K 31/405  | 6-Punkt Untergruppe | ..... Indole-alkanecarboxylic acids; Derivatives thereof, e.g. tryptophan, indomethacin [2, 2006.01]  |
| A61K 31/407  | 4-Punkt Untergruppe | .... condensed with heterocyclic ring systems, e.g. ketorolac, physostigmine [7, 2006.01]   |
| A61K 31/409  | 4-Punkt Untergruppe | .... having four such rings, e.g. porphine derivatives, bilirubin, biliverdine (hemin, hematin A61K 31/555) [7, 2006.01]                      |
| 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, 2006.01]             |
| A61K 31/415  | 4-Punkt Untergruppe | .... 1,2-Diazoles [2, 7, 2006.01]   |
| A61K 31/4152 | 5-Punkt Untergruppe | .... having oxo groups directly attached to the heterocyclic ring, e.g. antipyrine, phenylbutazone, sulfinpyrazone [7, 2006.01]               |
| A61K 31/4155 | 5-Punkt Untergruppe | .... not condensed and containing further heterocyclic rings [7, 2006.01]   |
| A61K 31/416  | 5-Punkt Untergruppe | .... condensed with carbocyclic ring systems, e.g. indazole [7, 2006.01]  |
| A61K 31/4162 | 5-Punkt Untergruppe | .... condensed with heterocyclic ring systems [7, 2006.01]  |
| A61K 31/4164 | 4-Punkt Untergruppe | .... 1,3-Diazoles [7, 2006.01]  |
| A61K 31/4166 | 5-Punkt Untergruppe | .... having oxo groups directly attached to the heterocyclic ring, e.g. phenytoin [7, 2006.01]  |
| A61K 31/4168 | 5-Punkt Untergruppe | .... having a nitrogen atom attached in position 2, e.g. clonidine [7, 2006.01]   |
| A61K 31/417  | 5-Punkt Untergruppe | .... Imidazole-alkylamines, e.g. histamine, phentolamine [7, 2006.01]   |

| Symbol       | Typ                 | Titel   |
|--------------|---------------------|---|
| A61K 31/4172 | 5-Punkt Untergruppe | ..... Imidazole-alkanecarboxylic acids, e.g. histidine [7, 2006.01]   |
| A61K 31/4174 | 5-Punkt Untergruppe | ..... Arylalkylimidazoles, e.g. oxymetazolin, naphazoline, miconazole [7, 2006.01]  |
| A61K 31/4178 | 5-Punkt Untergruppe | ..... not condensed and containing further heterocyclic rings, e.g. pilocarpine, nitrofurantoin [7, 2006.01]  |
| A61K 31/4184 | 5-Punkt Untergruppe | ..... condensed with carbocyclic rings, e.g. benzimidazoles [7, 2006.01]  |
| A61K 31/4188 | 5-Punkt Untergruppe | ..... condensed with heterocyclic ring systems, e.g. biotin, sorbinil [7, 2006.01]  |
| A61K 31/4192 | 4-Punkt Untergruppe | .... 1,2,3-Triazoles [7, 2006.01]   |
| A61K 31/4196 | 4-Punkt Untergruppe | .... 1,2,4-Triazoles [7, 2006.01]   |
| A61K 31/42   | 4-Punkt Untergruppe | .... Oxazoles [2, 7, 2006.01]   |
| A61K 31/421  | 5-Punkt Untergruppe | .... 1,3-Oxazoles, e.g. pemoline, trimethadione [7, 2006.01]  |
| A61K 31/422  | 5-Punkt Untergruppe | .... not condensed and containing further heterocyclic rings [7, 2006.01]   |
| A61K 31/423  | 5-Punkt Untergruppe | .... condensed with carbocyclic rings [7, 2006.01]  |
| A61K 31/424  | 5-Punkt Untergruppe | .... condensed with heterocyclic ring systems, e.g. clavulanic acid [7, 2006.01]  |
| A61K 31/425  | 4-Punkt Untergruppe | .... Oxadiazoles [7, 2006.01]   |
| A61K 31/425  | 4-Punkt Untergruppe | .... Thiazoles [2, 7, 2006.01]  |
| A61K 31/426  | 5-Punkt Untergruppe | .... 1,3-Thiazoles [7, 2006.01]   |
| A61K 31/427  | 5-Punkt Untergruppe | .... not condensed and containing further heterocyclic rings [7, 2006.01]   |
| A61K 31/428  | 5-Punkt Untergruppe | .... condensed with carbocyclic rings [7, 2006.01]  |
| A61K 31/429  | 5-Punkt Untergruppe | .... condensed with heterocyclic ring systems [7, 2006.01]  |
| A61K 31/43   | 6-Punkt Untergruppe | ..... Compounds containing 4-thia-1-azabicyclo [3.2.0] heptane ring systems, i.e. compounds containing a<br><br>ring system of the formula<br>2006.01], , e.g. penicillins, penems [2, 6, |
| A61K 31/431  | 7-Punkt Untergruppe | ..... containing further heterocyclic ring systems, e.g. ticarcillin, azlocillin, oxacillin [7, 2006.01]  |
| A61K 31/433  | 4-Punkt Untergruppe | .... Thiadiazoles [7, 2006.01]  |
| A61K 31/435  | 3-Punkt Untergruppe | ... having six-membered rings with one nitrogen as the only ring hetero atom [2, 2006.01]   |
| A61K 31/4353 | 4-Punkt Untergruppe | .... ortho- or peri-condensed with heterocyclic ring systems [7, 2006.01]   |
| A61K 31/4355 | 5-Punkt Untergruppe | .... the heterocyclic ring system containing a five-membered ring having oxygen as a ring hetero atom [7, 2006.01]  |
| 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, 2006.01]   |
| A61K 31/4365 | 5-Punkt Untergruppe | .... the heterocyclic ring system having sulfur as a ring hetero atom, e.g. ticlopidine [7, 2006.01]  |

| Symbol       | Typ                 | Titel   |
|--------------|---------------------|---|
| 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, 2006.01]                        |
| 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, 2006.01] |
| A61K 31/438  | 4-Punkt Untergruppe | ..... the ring being spiro-condensed with carbocyclic or heterocyclic ring systems [7, 2006.01]   |
| 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, 2006.01]  |
| A61K 31/44   | 4-Punkt Untergruppe | ..... Non-condensed pyridines; Hydrogenated derivatives thereof [2, 7, 2006.01]   |
| A61K 31/4402 | 5-Punkt Untergruppe | ..... only substituted in position 2, e.g. pheniramine, bisacodyl [7, 2006.01]  |
| A61K 31/4406 | 5-Punkt Untergruppe | ..... only substituted in position 3, e.g. zimeldine (nicotinic acid A61K 31/455) [7, 2006.01]  |
| A61K 31/4409 | 5-Punkt Untergruppe | ..... only substituted in position 4, e.g. isoniazid, iproniazid [7, 2006.01]   |
| A61K 31/4412 | 5-Punkt Untergruppe | ..... having oxo groups directly attached to the heterocyclic ring [7, 2006.01]   |
| A61K 31/4415 | 5-Punkt Untergruppe | ..... Pyridoxine, i.e. vitamin B <sub>6</sub> (pyridoxal phosphate A61K 31/675) [7, 2006.01]  |
| A61K 31/4418 | 5-Punkt Untergruppe | ..... having a carbocyclic ring directly attached to the heterocyclic ring, e.g. cyproheptadine [7, 2006.01]  |
| A61K 31/4422 | 5-Punkt Untergruppe | ..... 1,4-Dihydropyridines, e.g. nifedipine, nicardipine [7, 2006.01]   |
| A61K 31/4425 | 5-Punkt Untergruppe | ..... Pyridinium derivatives, e.g. pralidoxime, pyridostigmine [7, 2006.01]   |
| A61K 31/4427 | 5-Punkt Untergruppe | ..... containing further heterocyclic ring systems [7, 2006.01]   |
| A61K 31/443  | 6-Punkt Untergruppe | ..... containing a five-membered ring with oxygen as a ring hetero atom [7, 2006.01]  |
| A61K 31/4433 | 6-Punkt Untergruppe | ..... containing a six-membered ring with oxygen as a ring hetero atom [7, 2006.01]   |
| A61K 31/4436 | 6-Punkt Untergruppe | ..... containing a heterocyclic ring having sulfur as a ring hetero atom [7, 2006.01]   |
| 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, 2006.01]  |
| A61K 31/444  | 6-Punkt Untergruppe | ..... containing a six-membered ring with nitrogen as a ring hetero atom, e.g. amrinone [7, 2006.01]  |
| A61K 31/445  | 5-Punkt Untergruppe | ..... Non-condensed piperidines, e.g. piperocaine [2, 7, 2006.01]   |
| A61K 31/4453 | 6-Punkt Untergruppe | ..... only substituted in position 1, e.g. propipocaine, diperodon [7, 2006.01]   |
| A61K 31/4458 | 6-Punkt Untergruppe | ..... only substituted in position 2, e.g. methylphenidate [7, 2006.01]   |
| A61K 31/4462 | 6-Punkt Untergruppe | ..... only substituted in position 3 [7, 2006.01]   |
| A61K 31/4465 | 6-Punkt Untergruppe | ..... only substituted in position 4 [7, 2006.01]   |
| A61K 31/4468 | 6-Punkt Untergruppe | ..... having a nitrogen atom directly attached in position 4, e.g. clebopride, fentanyl [7, 2006.01]  |
| A61K 31/45   | 6-Punkt Untergruppe | ..... having oxo groups directly attached to the heterocyclic ring, e.g. cycloheximide [2, 7, 2006.01]  |
| A61K 31/451  | 6-Punkt Untergruppe | ..... having a carbocyclic ring directly attached to the heterocyclic ring, e.g. glutethimide, meperidine, loperamide, phencyclidine, piminodine [7, 2006.01]                 |
| A61K 31/4515 | 6-Punkt Untergruppe | ..... having a butyrophenone group in position 1, e.g. haloperidol (pipamperone A61K 31/4545) [7, 2006.01]  |
| A61K 31/452  | 6-Punkt Untergruppe | ..... Piperidinium derivatives (pancuronium A61K 31/58) [7, 2006.01]  |

| Symbol       | Typ                 | Titel   |
|--------------|---------------------|---|
| A61K 31/4523 | 6-Punkt Untergruppe | ..... containing further heterocyclic ring systems [7, 2006.01]   |
| A61K 31/4525 | 7-Punkt Untergruppe | ..... containing a five-membered ring with oxygen as a ring hetero atom [7, 2006.01]  |
| A61K 31/453  | 7-Punkt Untergruppe | ..... containing a six-membered ring with oxygen as a ring hetero atom [7, 2006.01]   |
| A61K 31/4535 | 7-Punkt Untergruppe | ..... containing a heterocyclic ring having sulfur as a ring hetero atom, e.g. pizotifen [7, 2006.01]   |
| A61K 31/454  | 7-Punkt Untergruppe | ..... containing a five-membered ring with nitrogen as a ring hetero atom, e.g. pimozide, domperidone [7, 2006.01]  |
| A61K 31/4545 | 7-Punkt Untergruppe | ..... containing a six-membered ring with nitrogen as a ring hetero atom, e.g. pipamperone, anabasine [7, 2006.01]  |
| A61K 31/455  | 5-Punkt Untergruppe | ..... Nicotinic acid, i.e. niacin; Derivatives thereof, e.g. esters, amides [2, 2006.01]  |
| A61K 31/46   | 4-Punkt Untergruppe | .... 8-Azabicyclo [3.2.1] octane; Derivatives thereof, e.g. atropine, cocaine [2, 2006.01]  |
| A61K 31/465  | 4-Punkt Untergruppe | .... Nicotine; Derivatives thereof [2, 2006.01]   |
| A61K 31/47   | 4-Punkt Untergruppe | .... Quinolines; Isoquinolines [2, 2006.01]   |
| A61K 31/4704 | 5-Punkt Untergruppe | .... 2-Quinolinones, e.g. carbostyryl [7, 2006.01]  |
| A61K 31/4706 | 5-Punkt Untergruppe | .... 4-Aminoquinolines; 8-Aminoquinolines, e.g. chloroquine, primaquine [7, 2006.01]  |
| A61K 31/4709 | 5-Punkt Untergruppe | .... Non-condensed quinolines containing further heterocyclic rings [7, 2006.01]  |
| A61K 31/472  | 5-Punkt Untergruppe | .... Non-condensed isoquinolines, e.g. papaverine [7, 2006.01]  |
| A61K 31/4725 | 6-Punkt Untergruppe | ..... containing further heterocyclic rings [7, 2006.01]  |
| A61K 31/473  | 5-Punkt Untergruppe | ..... ortho- or peri-condensed with carbocyclic ring systems, e.g. acridines, phenanthridines [7, 2006.01]  |
| A61K 31/4738 | 5-Punkt Untergruppe | ..... ortho- or peri-condensed with heterocyclic ring systems [7, 2006.01]  |
| A61K 31/4741 | 6-Punkt Untergruppe | .... condensed with ring systems having oxygen as a ring hetero atom, e.g. tubocuraran derivatives, noscapine, bicuculline [7, 2006.01]   |
| A61K 31/4743 | 6-Punkt Untergruppe | .... condensed with ring systems having sulfur as a ring hetero atom [7, 2006.01]   |
| 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, 2006.01] |
| A61K 31/4747 | 5-Punkt Untergruppe | .... spiro-condensed [7, 2006.01]   |
| A61K 31/4748 | 5-Punkt Untergruppe | .... forming part of bridged ring systems (strychnine A61K 31/475; morphinan derivatives A61K 31/485) [7, 2006.01]  |
| A61K 31/475  | 5-Punkt Untergruppe | .... having an indole ring, e.g. yohimbine, reserpine, strychnine, vinblastine (vincamine A61K 31/4375) [2, 7, 2006.01]   |
| A61K 31/48   | 5-Punkt Untergruppe | .... Ergoline derivatives, e.g. lysergic acid, ergotamine [2, 7, 2006.01]   |
| A61K 31/485  | 5-Punkt Untergruppe | .... Morphinan derivatives, e.g. morphine, codeine [2, 7, 2006.01]  |
| A61K 31/49   | 5-Punkt Untergruppe | .... Cinchonan derivatives, e.g. quinine [2, 7, 2006.01]  |
| 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, 2006.01]   |
| A61K 31/496  | 4-Punkt Untergruppe | .... Non-condensed piperazines containing further heterocyclic rings, e.g. rifampin, thiothixene [7, 2006.01]   |

| Symbol       | Typ                 | Titel   |
|--------------|---------------------|---|
| A61K 31/4965 | 4-Punkt Untergruppe | .... Non-condensed pyrazines [7, 2006.01]   |
| A61K 31/497  | 5-Punkt Untergruppe | ..... containing further heterocyclic rings [7, 2006.01]  |
| A61K 31/498  | 4-Punkt Untergruppe | .... Pyrazines or piperazines ortho- or peri-condensed with carbocyclic ring systems, e.g. quinoxaline, phenazine [7, 2006.01]                      |
| A61K 31/4985 | 4-Punkt Untergruppe | .... Pyrazines or piperazines ortho- or peri-condensed with heterocyclic ring systems [7, 2006.01]  |
| A61K 31/499  | 4-Punkt Untergruppe | .... Spiro-condensed pyrazines or piperazines [7, 2006.01]  |
| A61K 31/4995 | 4-Punkt Untergruppe | .... Pyrazines or piperazines forming part of bridged ring systems [7, 2006.01]   |
| A61K 31/50   | 4-Punkt Untergruppe | .... Pyridazines; Hydrogenated pyridazines [2, 7, 2006.01]  |
| A61K 31/501  | 5-Punkt Untergruppe | ..... not condensed and containing further heterocyclic rings [7, 2006.01]  |
| A61K 31/502  | 5-Punkt Untergruppe | ..... ortho- or peri-condensed with carbocyclic ring systems, e.g. cinnoline, phthalazine [7, 2006.01]  |
| A61K 31/5025 | 5-Punkt Untergruppe | ..... ortho- or peri-condensed with heterocyclic ring systems [7, 2006.01]  |
| A61K 31/503  | 5-Punkt Untergruppe | ..... spiro-condensed [7, 2006.01]  |
| A61K 31/504  | 5-Punkt Untergruppe | ..... forming part of bridged ring systems [7, 2006.01]   |
| A61K 31/505  | 4-Punkt Untergruppe | .... Pyrimidines; Hydrogenated pyrimidines, e.g. trimethoprim [2, 7, 2006.01]   |
| A61K 31/506  | 5-Punkt Untergruppe | ..... not condensed and containing further heterocyclic rings [7, 2006.01]  |
| A61K 31/51   | 6-Punkt Untergruppe | ..... Thiamines, e.g. vitamin B <sub>1</sub> [2, 2006.01]   |
| A61K 31/513  | 5-Punkt Untergruppe | ..... having oxo groups directly attached to the heterocyclic ring, e.g. cytosine [7, 2006.01]  |
| A61K 31/515  | 6-Punkt Untergruppe | ..... Barbituric acids; Derivatives thereof, e.g. sodium pentobarbital [2, 2006.01]   |
| A61K 31/517  | 5-Punkt Untergruppe | ..... ortho- or peri-condensed with carbocyclic ring systems, e.g. quinazoline, perimidine [7, 2006.01]   |
| A61K 31/519  | 5-Punkt Untergruppe | ..... ortho- or peri-condensed with heterocyclic rings [7, 2006.01]   |
| A61K 31/52   | 6-Punkt Untergruppe | ..... Purines, e.g. adenine [2, 7, 2006.01]   |
| A61K 31/522  | 7-Punkt Untergruppe | ..... having oxo groups directly attached to the heterocyclic ring, e.g. hypoxanthine, guanine, acyclovir [7, 2006.01]                              |
| A61K 31/525  | 6-Punkt Untergruppe | ..... Isoalloxazines, e.g. riboflavins, vitamin B <sub>2</sub> [2, 2006.01]   |
| A61K 31/527  | 5-Punkt Untergruppe | ..... spiro-condensed [7, 2006.01]  |
| A61K 31/529  | 5-Punkt Untergruppe | ..... forming part of bridged ring systems [7, 2006.01]   |
| A61K 31/53   | 3-Punkt Untergruppe | ... having six-membered rings with three nitrogens as the only ring hetero atoms, e.g. chlorazanil, melamine (melarsoprol A61K 31/555) [2, 2006.01] |
| 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, 2006.01]           |
| A61K 31/5355 | 4-Punkt Untergruppe | .... Non-condensed oxazines containing further heterocyclic rings [7, 2006.01]  |
| A61K 31/536  | 4-Punkt Untergruppe | .... ortho- or peri-condensed with carbocyclic ring systems [7, 2006.01]  |
| A61K 31/5365 | 4-Punkt Untergruppe | .... ortho- or peri-condensed with heterocyclic ring systems [7, 2006.01]   |
| A61K 31/537  | 4-Punkt Untergruppe | .... spiro-condensed or forming part of bridged ring systems [7, 2006.01]   |

| Symbol       | Typ                 | Titel  |
|--------------|---------------------|--|
| A61K 31/5375 | 4-Punkt Untergruppe | .... 1,4-Oxazines, e.g. morpholine [7, 2006.01]  |
| A61K 31/5377 | 5-Punkt Untergruppe | ..... not condensed and containing further heterocyclic rings, e.g. timolol [7, 2006.01]   |
| A61K 31/538  | 5-Punkt Untergruppe | ..... ortho- or peri-condensed with carbocyclic ring systems [7, 2006.01]  |
| A61K 31/5383 | 5-Punkt Untergruppe | ..... ortho- or peri-condensed with heterocyclic ring systems [7, 2006.01]   |
| A61K 31/5386 | 5-Punkt Untergruppe | ..... spiro-condensed or forming part of bridged ring systems [7, 2006.01]   |
| A61K 31/539  | 4-Punkt Untergruppe | .... having two or more oxygen atoms in the same ring, e.g. dioxazines [7, 2006.01]  |
| A61K 31/5395 | 4-Punkt Untergruppe | .... having two or more nitrogen atoms in the same ring, e.g. oxadiazines [7, 2006.01]   |
| 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. sulthiamine [2, 2006.01] |
| A61K 31/541  | 4-Punkt Untergruppe | .... Non-condensed thiazines containing further heterocyclic rings [7, 2006.01]  |
| A61K 31/5415 | 4-Punkt Untergruppe | .... ortho- or peri-condensed with carbocyclic ring systems, e.g. phenothiazine, chlorpromazine, piroxicam [7, 2006.01]                  |
| A61K 31/542  | 4-Punkt Untergruppe | .... ortho- or peri-condensed with heterocyclic ring systems [7, 2006.01]  |
| A61K 31/545  | 5-Punkt Untergruppe | ..... Compounds containing 5-thia-1-azabicyclo [4.2.0] octane ring systems, i.e. compounds containing a                                  |
|              |                     |  |
|              |                     | ring system of the formula<br>cephalexine [2, 6, 2006.01], e.g. cephalosporins, cefaclor,  |
| A61K 31/546  | 6-Punkt Untergruppe | ..... containing further heterocyclic rings, e.g. cephalothin [7, 2006.01]   |
| A61K 31/547  | 4-Punkt Untergruppe | .... spiro-condensed or forming part of bridged ring systems [7, 2006.01]  |
| A61K 31/548  | 4-Punkt Untergruppe | .... having two or more sulfur atoms in the same ring [7, 2006.01]   |
| A61K 31/549  | 4-Punkt Untergruppe | .... having two or more nitrogen atoms in the same ring, e.g. hydrochlorothiazide [7, 2006.01]   |
| A61K 31/55   | 3-Punkt Untergruppe | ... having seven-membered rings, e.g. azelastine, pentylenetetrazole [2, 2006.01]  |
| A61K 31/551  | 4-Punkt Untergruppe | .... having two nitrogens as ring hetero atoms, e.g. clozapine, dilazep [7, 2006.01]   |
| A61K 31/5513 | 5-Punkt Untergruppe | .... 1,4-Benzodiazepines, e.g. diazepam [7, 2006.01]   |
| A61K 31/5517 | 6-Punkt Untergruppe | ..... condensed with five-membered rings having nitrogen as a ring hetero atom, e.g. imidazobenzodiazepines, triazolam [7, 2006.01]      |
| 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, 2006.01]                |
| 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, 2006.01]                 |
| A61K 31/555  | 2-Punkt Untergruppe | ... containing heavy metals, e.g. hemin, hematin, melarsoprol [2, 2006.01]   |
| A61K 31/557  | 1-Punkt Untergruppe | . Eicosanoids, e.g. leukotrienes [3, 7, 2006.01]   |

| Symbol       | Typ                 | Titel   |
|--------------|---------------------|---|
| A61K 31/5575 | 2-Punkt Untergruppe | ... having a cyclopentane ring, e.g. prostaglandin E <sub>2</sub> , prostaglandin F <sub>2-alpha</sub> [7, 2006.01]                         |
| A61K 31/5578 | 2-Punkt Untergruppe | ... having a pentalene ring system, e.g. carbacyclin, iloprost [7, 2006.01]   |
| A61K 31/558  | 2-Punkt Untergruppe | ... having heterocyclic rings containing oxygen as the only ring hetero atom, e.g. thromboxanes [7, 2006.01]                                |
| A61K 31/5585 | 3-Punkt Untergruppe | ... having five-membered rings containing oxygen as the only ring hetero atom, e.g. prostacyclin [7, 2006.01]                               |
| A61K 31/559  | 2-Punkt Untergruppe | ... having heterocyclic rings containing hetero atoms other than oxygen [7, 2006.01]  |
| A61K 31/56   | 1-Punkt Untergruppe | . Compounds containing cyclopenta[a]hydrophenanthrene ring systems; Derivatives thereof, e.g. steroids [4, 7, 2006.01]                      |
| A61K 31/565  | 2-Punkt Untergruppe | ... not substituted in position 17 beta by a carbon atom, e.g. oestrane, oestradiol [2, 2006.01]  |
| A61K 31/566  | 3-Punkt Untergruppe | ... having an oxo group in position 17, e.g. oestrone [7, 2006.01]  |
| A61K 31/567  | 3-Punkt Untergruppe | ... substituted in position 17 alpha, e.g. mestranol, norethandrolone [7, 2006.01]  |
| 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, 2006.01]               |
| A61K 31/5685 | 4-Punkt Untergruppe | .... having an oxo group in position 17, e.g. androsterone [7, 2006.01]   |
| A61K 31/569  | 4-Punkt Untergruppe | .... substituted in position 17 alpha, e.g. ethisterone [7, 2006.01]  |
| A61K 31/57   | 2-Punkt Untergruppe | ... substituted in position 17 beta by a chain of two carbon atoms, e.g. pregnane, progesterone [2, 2006.01]                                |
| A61K 31/573  | 3-Punkt Untergruppe | ... substituted in position 21, e.g. cortisone, dexamethasone, prednisone [7, 2006.01]  |
| 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, 2006.01] |
| A61K 31/58   | 2-Punkt Untergruppe | ... containing heterocyclic rings, e.g. aldosterone, danazol, stanozolol, pancuronium, digitogenin (digitoxin A61K 31/704) [2, 7, 2006.01]  |
| A61K 31/585  | 3-Punkt Untergruppe | ... containing lactone rings, e.g. oxandrolone, bufalin [2, 2006.01]  |
| A61K 31/59   | 1-Punkt Untergruppe | . Compounds containing 9,10-seco-cyclopenta[a]hydro- phenanthrene ring systems [2, 2006.01]   |
| A61K 31/592  | 2-Punkt Untergruppe | ... 9,10-Secoergostane derivatives, e.g. ergocalciferol, vitamin D <sub>2</sub> [7, 2006.01]  |
| A61K 31/593  | 2-Punkt Untergruppe | ... 9,10-Secocolestane derivatives, e.g. cholecalciferol, vitamin D <sub>3</sub> [7, 2006.01]   |
| A61K 31/60   | 1-Punkt Untergruppe | . Salicylic acid; Derivatives thereof [2, 2006.01]  |
| A61K 31/603  | 2-Punkt Untergruppe | ... having further aromatic rings, e.g. diflunisal [7, 2006.01]   |
| A61K 31/606  | 2-Punkt Untergruppe | ... having amino groups [7, 2006.01]  |
| A61K 31/609  | 2-Punkt Untergruppe | ... Amides, e.g. salicylamide [7, 2006.01]  |
| A61K 31/612  | 2-Punkt Untergruppe | ... having the hydroxy group in position 2 esterified, e.g. salicylsulfuric acid (fosfosal A61K 31/661) [7, 2006.01]                        |
| A61K 31/616  | 3-Punkt Untergruppe | ... by carboxylic acids, e.g. acetylsalicylic acid [7, 2006.01]   |
| A61K 31/618  | 2-Punkt Untergruppe | ... having the carboxyl group in position 1 esterified, e.g. salsalate [7, 2006.01]   |
| A61K 31/621  | 3-Punkt Untergruppe | ... having the hydroxy group in position 2 esterified, e.g. benorylate [7, 2006.01]   |
| A61K 31/625  | 2-Punkt Untergruppe | ... having heterocyclic substituents, e.g. 4-salicyloylmorpholine (sulfasalazine A61K 31/635) [2, 7, 2006.01]                               |

| Symbol       | Typ                 | Titel  |
|--------------|---------------------|--|
| A61K 31/63   | 1-Punkt Untergruppe | . Compounds containing para-N-benzene- sulfonyl-N-groups, e.g. sulfanilamide, p-nitrobenzenesulfonohydrazide [2, 2006.01]  |
| A61K 31/635  | 2-Punkt Untergruppe | ... having a heterocyclic ring, e.g. sulfadiazine [2, 2006.01]   |
| A61K 31/64   | 1-Punkt Untergruppe | . Sulfonylureas, e.g. glibenclamide, tolbutamide, chlorpropamide [2, 2006.01]  |
| A61K 31/65   | 1-Punkt Untergruppe | . Tetracyclines [2, 2006.01]   |
| A61K 31/655  | 1-Punkt Untergruppe | . Azo ( $-N=N-$ ), diazo ( $=N_2$ ), azoxy ( $\text{N}-O-\text{N}$ or $N(=O)-\text{N}$ ), azido ( $-N_3$ ) or diazoamino ( $-N=N-\text{N}$ ) compounds [2, 2006.01]  |
| A61K 31/66   | 1-Punkt Untergruppe | . Phosphorus compounds [2, 2006.01]  |
| A61K 31/661  | 2-Punkt Untergruppe | ... Phosphorus acids or esters thereof not having P—C bonds, e.g. fosfosal, dichlorvos, malathion [7, 2006.01]   |
| A61K 31/6615 | 3-Punkt Untergruppe | ... Compounds having two or more esterified phosphorus acid groups, e.g. inositol triphosphate, phytic acid [7, 2006.01]   |
| A61K 31/662  | 2-Punkt Untergruppe | ... Phosphorus acids or esters thereof having P—C bonds, e.g. foscarnet, trichlorfon [7, 2006.01]  |
| A61K 31/663  | 3-Punkt Untergruppe | ... Compounds having two or more phosphorus acid groups or esters thereof, e.g. clodronic acid, pamidronic acid [7, 2006.01]   |
| A61K 31/664  | 2-Punkt Untergruppe | ... Amides of phosphorus acids [7, 2006.01]  |
| A61K 31/665  | 2-Punkt Untergruppe | ... having oxygen as a ring hetero atom, e.g. fosfomycin [2, 2006.01]  |
| A61K 31/67   | 2-Punkt Untergruppe | ... having sulfur as a ring hetero atom [2, 2006.01]   |
| A61K 31/675  | 2-Punkt Untergruppe | ... having nitrogen as a ring hetero atom, e.g. pyridoxal phosphate [2, 2006.01]   |
| A61K 31/683  | 2-Punkt Untergruppe | ... Diesters of a phosphorus acid with two hydroxy compounds, e.g. phosphatidylinositols [7, 2006.01]  |
| A61K 31/685  | 3-Punkt Untergruppe | ... one of the hydroxy compounds having nitrogen atoms, e.g. phosphatidylserine, lecithin [2, 7, 2006.01]  |
| A61K 31/688  | 3-Punkt Untergruppe | ... both hydroxy compounds having nitrogen atoms, e.g. sphingomyelins [7, 2006.01]   |
| A61K 31/69   | 1-Punkt Untergruppe | . Boron compounds [2, 2006.01]   |
| A61K 31/695  | 1-Punkt Untergruppe | . Silicon compounds [2, 2006.01]   |
| A61K 31/70   | 1-Punkt Untergruppe | . Carbohydrates; Sugars; Derivatives thereof (sorbitol A61K 31/047) [2, 7, 2006.01]  |
| A61K 31/7004 | 2-Punkt Untergruppe | ... Monosaccharides having only carbon, hydrogen and oxygen atoms [7, 2006.01]   |
| 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, 2006.01]   |
| 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, 2006.01] |
| A61K 31/7016 | 2-Punkt Untergruppe | ... Disaccharides, e.g. lactose, lactulose (lactobionic acid A61K 31/7032) [7, 2006.01]  |
| A61K 31/702  | 2-Punkt Untergruppe | ... Oligosaccharides, i.e. having three to five saccharide radicals attached to each other by glycosidic linkages [7, 2006.01]   |
| A61K 31/7024 | 2-Punkt Untergruppe | ... Esters of saccharides [7, 2006.01]   |
| A61K 31/7028 | 2-Punkt Untergruppe | ... Compounds having saccharide radicals attached to non-saccharide compounds by glycosidic linkages [7, 2006.01]  |

| Symbol       | Typ                 | Titel  |
|--------------|---------------------|--|
| 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, 2006.01] |
| A61K 31/7034 | 3-Punkt Untergruppe | ... attached to a carbocyclic compound, e.g. phloridzin [7, 2006.01]   |
| 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, 2006.01]   |
| A61K 31/704  | 4-Punkt Untergruppe | .... attached to a condensed carbocyclic ring system, e.g. sennosides, thiocolchicosides, escin, daunorubicin, digitoxin [7, 2006.01]  |
| A61K 31/7042 | 2-Punkt Untergruppe | ... Compounds having saccharide radicals and heterocyclic rings [7, 2006.01]   |
| A61K 31/7048 | 3-Punkt Untergruppe | ... having oxygen as a ring hetero atom, e.g. leucoglucosan, hesperidin, erythromycin, nystatin [7, 2006.01]   |
| A61K 31/7052 | 3-Punkt Untergruppe | ... having nitrogen as a ring hetero atom, e.g. nucleosides, nucleotides [7, 2006.01]  |
| A61K 31/7056 | 4-Punkt Untergruppe | .... containing five-membered rings with nitrogen as a ring hetero atom [7, 2006.01]   |
| A61K 31/706  | 4-Punkt Untergruppe | .... containing six-membered rings with nitrogen as a ring hetero atom [7, 2006.01]  |
| A61K 31/7064 | 5-Punkt Untergruppe | ..... containing condensed or non-condensed pyrimidines [7, 2006.01]   |
| A61K 31/7068 | 6-Punkt Untergruppe | ..... having oxo groups directly attached to the pyrimidine ring, e.g. cytidine, cytidylic acid [7, 2006.01]   |
| A61K 31/7072 | 7-Punkt Untergruppe | ..... having two oxo groups directly attached to the pyrimidine ring, e.g. uridine, uridylic acid, thymidine, zidovudine [7, 2006.01]  |
| A61K 31/7076 | 6-Punkt Untergruppe | ..... containing purines, e.g. adenosine, adenylic acid [7, 2006.01]   |
| A61K 31/708  | 7-Punkt Untergruppe | ..... having oxo groups directly attached to the purine ring system, e.g. guanosine, guanylic acid [7, 2006.01]  |
| A61K 31/7084 | 2-Punkt Untergruppe | ... Compounds having two nucleosides or nucleotides, e.g. nicotinamide-adenine dinucleotide, flavine-adenine dinucleotide [7, 2006.01]   |
| A61K 31/7088 | 2-Punkt Untergruppe | ... Compounds having three or more nucleosides or nucleotides [7, 2006.01]   |
| 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, 2006.01]  |
| 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, 2006.01]  |
| A61K 31/7115 | 3-Punkt Untergruppe | ... Nucleic acids or oligonucleotides having modified bases, i.e. other than adenine, guanine, cytosine, uracil or thymine [7, 2006.01]  |
| A61K 31/712  | 3-Punkt Untergruppe | ... Nucleic acids or oligonucleotides having modified sugars, i.e. other than ribose or 2'-deoxyribose [7, 2006.01]  |
| A61K 31/7125 | 3-Punkt Untergruppe | ... Nucleic acids or oligonucleotides having modified internucleoside linkage, i.e. other than 3'-5' phosphodiesters [7, 2006.01]  |
| A61K 31/713  | 3-Punkt Untergruppe | ... Double-stranded nucleic acids or oligonucleotides [7, 2006.01]   |
| A61K 31/7135 | 2-Punkt Untergruppe | ... Compounds containing heavy metals [7, 2006.01]   |
| A61K 31/714  | 3-Punkt Untergruppe | ... Cobalamins, e.g. cyanocobalamin, vitamin B <sub>12</sub> [7, 2006.01]  |
| 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, 2006.01]   |
| A61K 31/716  | 3-Punkt Untergruppe | ... Glucans [7, 2006.01]   |

| Symbol      | Typ                 | Titel  |
|-------------|---------------------|--|
| A61K 31/717 | 4-Punkt Untergruppe | .... Celluloses [7, 2006.01]   |
| A61K 31/718 | 4-Punkt Untergruppe | .... Starch or degraded starch, e.g. amylose, amylopectin [7, 2006.01]   |
| A61K 31/719 | 4-Punkt Untergruppe | .... Pullulans [7, 2006.01]  |
| A61K 31/721 | 4-Punkt Untergruppe | .... Dextrans [7, 2006.01]   |
| A61K 31/722 | 4-Punkt Untergruppe | .... Chitin; Chitosan [7, 2006.01]   |
| A61K 31/723 | 4-Punkt Untergruppe | .... Xanthans [7, 2006.01]   |
| A61K 31/724 | 4-Punkt Untergruppe | .... Cyclodextrins [7, 2006.01]  |
| A61K 31/726 | 3-Punkt Untergruppe | ... Glycosaminoglycans, i.e. mucopolysaccharides (chondroitin sulfate, dermatan sulfate A61K 31/737) [7, 2006.01]    |
| A61K 31/727 | 4-Punkt Untergruppe | .... Heparin; Heparan [7, 2006.01]   |
| A61K 31/728 | 4-Punkt Untergruppe | .... Hyaluronic acid [7, 2006.01]  |
| A61K 31/729 | 3-Punkt Untergruppe | ... Agar; Agarose; Agaropectin [7, 2006.01]  |
| A61K 31/731 | 3-Punkt Untergruppe | ... Carrageenans [7, 2006.01]  |
| A61K 31/732 | 3-Punkt Untergruppe | ... Pectin [7, 2006.01]  |
| A61K 31/733 | 3-Punkt Untergruppe | ... Fructosans, e.g. inulin [7, 2006.01]   |
| A61K 31/734 | 3-Punkt Untergruppe | ... Alginic acid [7, 2006.01]  |
| A61K 31/736 | 3-Punkt Untergruppe | ... Glucomannans or galactomannans, e.g. locust bean gum, guar gum [7, 2006.01]                                      |
| A61K 31/737 | 3-Punkt Untergruppe | ... Sulfated polysaccharides, e.g. chondroitin sulfate, dermatan sulfate (A61K 31/727 takes precedence) [7, 2006.01] |
| A61K 31/738 | 3-Punkt Untergruppe | ... Cross-linked polysaccharides [7, 2006.01]  |
| A61K 31/739 | 3-Punkt Untergruppe | ... Lipopolysaccharides [7, 2006.01]   |
| A61K 31/74  | 1-Punkt Untergruppe | . Synthetic polymeric materials [2, 2006.01]   |
| A61K 31/745 | 2-Punkt Untergruppe | .. Polymers of hydrocarbons [2, 2006.01]   |
| A61K 31/75  | 3-Punkt Untergruppe | ... of ethene [2, 2006.01]   |
| A61K 31/755 | 2-Punkt Untergruppe | .. Polymers containing halogen [2, 2006.01]  |
| A61K 31/76  | 3-Punkt Untergruppe | ... of vinyl chloride [2, 2006.01]   |
| A61K 31/765 | 2-Punkt Untergruppe | .. Polymers containing oxygen [2, 2006.01]   |
| A61K 31/77  | 3-Punkt Untergruppe | ... of oxiranes [2, 2006.01]   |
| A61K 31/775 | 3-Punkt Untergruppe | ... Phenolic resins [2, 2006.01]   |
| A61K 31/78  | 3-Punkt Untergruppe | ... of acrylic acid or derivatives thereof [2, 2006.01]  |
| A61K 31/785 | 2-Punkt Untergruppe | .. Polymers containing nitrogen [2, 2006.01]   |
| A61K 31/787 | 3-Punkt Untergruppe | ... containing heterocyclic rings having nitrogen as a ring hetero atom [7, 2006.01]                                 |
| A61K 31/79  | 4-Punkt Untergruppe | .... Polymers of vinyl pyrrolidone [2, 2006.01]  |

| Symbol            | Typ                 | Titel   |
|-------------------|---------------------|---|
| A61K 31/795       | 2-Punkt Untergruppe | ... Polymers containing sulfur [2, 2006.01]   |
| A61K 31/80        | 2-Punkt Untergruppe | ... Polymers containing hetero atoms not provided for in groups A61K 31/755-A61K 31/795 [2, 2006.01]                        |
| <b>A61K 33/00</b> | <b>Hauptgruppe</b>  | <b>Medicinal preparations containing inorganic active ingredients [2, 2006.01]</b>  |
| A61K 33/02        | 1-Punkt Untergruppe | . Ammonia; Compounds thereof [2, 2006.01]   |
| A61K 33/04        | 1-Punkt Untergruppe | . Sulfur, selenium or tellurium; Compounds thereof [2, 2006.01]   |
| A61K 33/06        | 1-Punkt Untergruppe | . Aluminium, calcium or magnesium; Compounds thereof [2, 2006.01]   |
| A61K 33/08        | 2-Punkt Untergruppe | ... Oxides; Hydroxides [2, 2006.01]   |
| A61K 33/10        | 2-Punkt Untergruppe | ... Carbonates; Bicarbonates [2, 2006.01]   |
| A61K 33/12        | 2-Punkt Untergruppe | ... Magnesium silicate [2, 2006.01]   |
| A61K 33/14        | 1-Punkt Untergruppe | . Alkali metal chlorides; Alkaline earth metal chlorides [2, 2006.01]   |
| A61K 33/16        | 1-Punkt Untergruppe | . Fluorine compounds [2, 2006.01]   |
| A61K 33/18        | 1-Punkt Untergruppe | . Iodine; Compounds thereof [2, 2006.01]  |
| A61K 33/20        | 1-Punkt Untergruppe | . Elemental chlorine; Inorganic compounds releasing chlorine [2, 2006.01]   |
| A61K 33/22        | 1-Punkt Untergruppe | . Boron compounds [2, 2006.01]  |
| A61K 33/24        | 1-Punkt Untergruppe | . Heavy metals; Compounds thereof [2, 2006.01]  |
| A61K 33/26        | 2-Punkt Untergruppe | ... Iron; Compounds thereof [2, 2006.01]  |
| A61K 33/28        | 2-Punkt Untergruppe | ... Mercury; Compounds thereof [2, 2006.01]   |
| A61K 33/30        | 2-Punkt Untergruppe | ... Zinc; Compounds thereof [2, 2006.01]  |
| A61K 33/32        | 2-Punkt Untergruppe | ... Manganese; Compounds thereof [2, 2006.01]   |
| A61K 33/34        | 2-Punkt Untergruppe | ... Copper; Compounds thereof [2, 2006.01]  |
| A61K 33/36        | 2-Punkt Untergruppe | ... Arsenic; Compounds thereof [2, 2006.01]   |
| A61K 33/38        | 2-Punkt Untergruppe | ... Silver; Compounds thereof [2, 2006.01]  |
| A61K 33/40        | 1-Punkt Untergruppe | . Peroxides [2, 2006.01]  |
| A61K 33/42        | 1-Punkt Untergruppe | . Phosphorus; Compounds thereof [2, 2006.01]  |
| A61K 33/44        | 1-Punkt Untergruppe | . Elemental carbon, e.g. charcoal, carbon black [2, 2006.01]  |
| <b>A61K 35/00</b> | <b>Hauptgruppe</b>  | <b>Medicinal preparations containing materials or reaction products thereof with undetermined constitution [2, 2006.01]</b> |
| A61K 35/02        | 1-Punkt Untergruppe | . from inanimate materials (carbon A61K 33/44) [2, 2006.01, 2015.01]  |
| A61K 35/04        | 2-Punkt Untergruppe | ... Tars; Bitumens; Mineral oils; Ammonium bituminosulfonate [2, 2006.01]   |
| A61K 35/06        | 3-Punkt Untergruppe | ... Mineral oils, e.g. paraffinic oils or aromatic oils based on aromatic hydrocarbons [2, 2006.01]                         |
| A61K 35/08        | 2-Punkt Untergruppe | ... Mineral waters; Seawater [2, 2006.01, 2015.01]  |
| A61K 35/10        | 2-Punkt Untergruppe | ... Peat; Amber; Turf; Humus [2, 2006.01, 2015.01]  |

| Symbol      | Typ                 | Titel   |
|-------------|---------------------|---|
| A61K 35/12  | 1-Punkt Untergruppe | . Materials from mammals; Compositions comprising non-specified tissues or cells; Compositions comprising non-embryonic stem cells; Genetically modified cells (uncharacterised stem cells A61K 35/545; vaccines or medicinal preparations containing antigens or antibodies A61K 39/00) [2, 2006.01, 2015.01]  |
| A61K 35/13  | 2-Punkt Untergruppe | ... Tumour cells, irrespective of tissue of origin (tumour vaccines A61K 39/00) [2015.01]   |
| A61K 35/14  | 2-Punkt Untergruppe | ... Blood; Artificial blood (perfluorocarbons A61K 31/02; umbilical cord blood A61K 35/51; haemoglobin A61K 38/42) [2, 2006.01, 2015.01]  |
| A61K 35/15  | 3-Punkt Untergruppe | ... Cells of the myeloid line, e.g. granulocytes, basophils, eosinophils, neutrophils, leucocytes, monocytes, macrophages or mast cells; Myeloid precursor cells; Antigen-presenting cells, e.g. dendritic cells (presenting a specific antigen A61K 39/00; therapeutic combinations of antibodies, or fragments thereof, and blood-derived cells A61K 39/00) [2015.01] |
| A61K 35/16  | 3-Punkt Untergruppe | ... Blood plasma; Blood serum (umbilical cord blood A61K 35/51) [2, 2006.01, 2015.01]   |
| A61K 35/17  | 3-Punkt Untergruppe | ... Lymphocytes; B-cells; T-cells; Natural killer cells; Interferon-activated or cytokine-activated lymphocytes (when activated by a specific antigen A61K 39/00) [2015.01]   |
| A61K 35/18  | 3-Punkt Untergruppe | ... Erythrocytes (haemoglobin A61K 38/42) [2, 2006.01, 2015.01]   |
| A61K 35/19  | 3-Punkt Untergruppe | ... Platelets; Megacaryocytes [2015.01]   |
| A61K 35/20  | 2-Punkt Untergruppe | ... Milk; Whey; Colostrum [2, 2006.01]  |
| A61K 35/22  | 2-Punkt Untergruppe | ... Urine; Urinary tract, e.g. kidney or bladder; Intraglomerular mesangial cells; Renal mesenchymal cells; Adrenal gland [2, 2006.01, 2015.01]   |
| A61K 35/24  | 2-Punkt Untergruppe | ... Mucus; Mucous glands; Bursa; Synovial fluid; Arthral fluid; Excreta; Spinal fluid (saliva A61K 35/38) [2, 2006.01, 2015.01]   |
| A61K 35/26  | 2-Punkt Untergruppe | ... Lymph; Lymph nodes; Thymus; Spleen; Splenocytes; Thymocytes [2, 2006.01, 2015.01]   |
| A61K 35/28  | 2-Punkt Untergruppe | ... Bone marrow; Haematopoietic stem cells; Mesenchymal stem cells of any origin, e.g. adipose-derived stem cells [2, 2006.01, 2015.01]   |
| A61K 35/30  | 2-Punkt Untergruppe | ... Nerves; Brain; Eyes; Corneal cells; Cerebrospinal fluid; Neuronal stem cells; Neuronal precursor cells; Glial cells; Oligodendrocytes; Schwann cells; Astroglia; Astrocytes; Choroid plexus; Spinal cord tissue [2, 2006.01, 2015.01]   |
| A61K 35/32  | 2-Punkt Untergruppe | ... Bones; Osteocytes; Osteoblasts; Tendons; Tenocytes; Teeth; Odontoblasts; Cartilage; Chondrocytes; Synovial membrane [2, 2006.01, 2015.01]   |
| A61K 35/33  | 2-Punkt Untergruppe | ... Fibroblasts [2015.01]   |
| A61K 35/34  | 2-Punkt Untergruppe | ... Muscles; Smooth muscle cells; Heart; Cardiac stem cells; Myoblasts; Myocytes; Cardiomyocytes (vascular smooth muscle A61K 35/44) [2, 2006.01, 2015.01]  |
| A61K 35/35  | 2-Punkt Untergruppe | ... Fat tissue; Adipocytes; Stromal cells; Connective tissues (adipose-derived stem cells A61K 35/28; collagen A61K 38/39) [2015.01]  |
| A61K 35/36  | 2-Punkt Untergruppe | ... Skin; Hair; Nails; Sebaceous glands; Cerumen; Epidermis; Epithelial cells; Keratinocytes; Langerhans cells; Ectodermal cells (islets of Langerhans A61K 35/39) [4, 2006.01, 2015.01]  |
| A61K 35/37  | 2-Punkt Untergruppe | ... Digestive system [3, 2006.01, 2015.01]  |
| A61K 35/38  | 3-Punkt Untergruppe | ... Stomach; Intestine; Goblet cells; Oral mucosa; Saliva [3, 2006.01, 2015.01]   |
| A61K 35/39  | 3-Punkt Untergruppe | ... Pancreas; Islets of Langerhans (Langerhans cells of epidermis A61K 35/36) [3, 2006.01, 2015.01]   |
| A61K 35/407 | 3-Punkt Untergruppe | ... Liver; Hepatocytes [3, 2006.01, 2015.01]  |
| A61K 35/413 | 3-Punkt Untergruppe | ... Gall bladder; Bile [3, 2006.01, 2015.01]  |

| Symbol      | Typ                 | Titel  |
|-------------|---------------------|--|
| A61K 35/42  | 2-Punkt Untergruppe | ... Respiratory system, e.g. lungs, bronchi or lung cells [2, 2006.01, 2015.01]  |
| A61K 35/44  | 2-Punkt Untergruppe | ... Vessels; Vascular smooth muscle cells; Endothelial cells; Endothelial progenitor cells [2, 2006.01, 2015.01]                                   |
| A61K 35/48  | 2-Punkt Untergruppe | ... Reproductive organs [2, 2006.01, 2015.01]  |
| A61K 35/50  | 3-Punkt Untergruppe | ... Placenta; Placental stem cells; Amniotic fluid; Amnion; Amniotic stem cells [2, 2006.01, 2015.01]  |
| A61K 35/51  | 3-Punkt Untergruppe | ... Umbilical cord; Umbilical cord blood; Umbilical stem cells [2015.01]   |
| A61K 35/52  | 3-Punkt Untergruppe | ... Sperm; Prostate; Seminal fluid; Leydig cells of testes [2, 2006.01, 2015.01]   |
| A61K 35/54  | 3-Punkt Untergruppe | ... Ovaries; Ova; Ovules; Embryos; Foetal cells; Germ cells [2, 2006.01, 2015.01]  |
| A61K 35/545 | 4-Punkt Untergruppe | .... Embryonic stem cells; Pluripotent stem cells; Induced pluripotent stem cells; Uncharacterised stem cells [2015.01]                            |
| A61K 35/55  | 2-Punkt Untergruppe | ... Glands not provided for in groups A61K 35/22-A61K 35/545, e.g. thyroids, parathyroids or pineal glands [3, 2006.01, 2015.01]                   |
| A61K 35/56  | 1-Punkt Untergruppe | . Materials from animals other than mammals [2, 2006.01, 2015.01]  |
| A61K 35/57  | 2-Punkt Untergruppe | .. Birds; Materials from birds, e.g. eggs, feathers, egg white, egg yolk or endothelium corneum gigeriae galli [2015.01]                           |
| A61K 35/58  | 2-Punkt Untergruppe | .. Reptiles (antigens from snakes A61K 39/38) [2, 2006.01, 2015.01]  |
| A61K 35/583 | 3-Punkt Untergruppe | ... Snakes; Lizards, e.g. chameleons (therapeutic use of a snake venom protein A61K 38/00) [2015.01]   |
| A61K 35/586 | 3-Punkt Untergruppe | ... Turtles; Tortoises, e.g. terrapins [2015.01]   |
| A61K 35/60  | 2-Punkt Untergruppe | .. Fish, e.g. seahorses; Fish eggs [2, 2006.01]  |
| A61K 35/612 | 2-Punkt Untergruppe | .. Crustaceans, e.g. crabs, lobsters, shrimps, krill or crayfish; Barnacles [2015.01]  |
| A61K 35/614 | 2-Punkt Untergruppe | .. Cnidaria, e.g. sea anemones, corals, coral animals or jellyfish [2015.01]   |
| A61K 35/616 | 2-Punkt Untergruppe | .. Echinodermata, e.g. starfish, sea cucumbers or sea urchins [2015.01]  |
| A61K 35/618 | 2-Punkt Untergruppe | .. Molluscs, e.g. fresh-water molluscs, oysters, clams, squids, octopus, cuttlefish, snails or slugs [2015.01]                                     |
| A61K 35/62  | 2-Punkt Untergruppe | .. Leeches; Worms, e.g. cestodes, tapeworms, nematodes, roundworms, earth worms, ascarids, filarias, hookworms, trichinella or taenia [2, 2006.01] |
| A61K 35/63  | 2-Punkt Untergruppe | .. Arthropods (aquatic crustaceans A61K 35/612) [2015.01]  |
| A61K 35/64  | 3-Punkt Untergruppe | ... Insects, e.g. bees, wasps or fleas [2, 2006.01, 2015.01]   |
| A61K 35/644 | 4-Punkt Untergruppe | .... Beeswax; Propolis; Royal jelly; Honey [2015.01]   |
| A61K 35/646 | 3-Punkt Untergruppe | ... Arachnids, e.g. spiders, scorpions, ticks or mites [2015.01]   |
| A61K 35/648 | 3-Punkt Untergruppe | ... Myriapods, e.g. centipedes or millipedes [2015.01]   |
| A61K 35/65  | 2-Punkt Untergruppe | .. Amphibians, e.g. toads, frogs, salamanders or newts [2015.01]   |
| A61K 35/655 | 2-Punkt Untergruppe | .. Aquatic animals other than those covered by groups A61K 35/57-A61K 35/65 [2015.01]  |
| A61K 35/66  | 1-Punkt Untergruppe | . Microorganisms or materials therefrom (fungi, yeasts or candida A61K 36/06) [2, 2006.01, 2015.01]  |
| A61K 35/68  | 2-Punkt Untergruppe | .. Protozoa, e.g. flagella, amoebas, sporozoans, plasmodium or toxoplasma [2, 2006.01]   |
| A61K 35/74  | 2-Punkt Untergruppe | .. Bacteria (therapeutic use of a bacterial protein A61K 38/00) [2, 2006.01, 2015.01]  |

| Symbol            | Typ                 | Titel  |
|-------------------|---------------------|--|
| A61K 35/741       | 3-Punkt Untergruppe | ... Probiotics (probiotic yeast, e.g. <i>saccharomyces</i> A61K 36/06) [2015.01]   |
| A61K 35/742       | 4-Punkt Untergruppe | .... Spore-forming bacteria, e.g. <i>Bacillus coagulans</i> , <i>Bacillus subtilis</i> , <i>clostridium</i> or <i>Lactobacillus sporogenes</i> [2015.01]                                 |
| A61K 35/744       | 4-Punkt Untergruppe | .... Lactic acid bacteria, e.g. <i>enterococci</i> , <i>pediococci</i> , <i>lactococci</i> , <i>streptococci</i> or <i>leuconostocs</i> [2015.01]  |
| A61K 35/745       | 5-Punkt Untergruppe | ..... <i>Bifidobacteria</i> [2015.01]  |
| A61K 35/747       | 5-Punkt Untergruppe | ..... <i>Lactobacilli</i> , e.g. <i>L. acidophilus</i> or <i>L. brevis</i> [2015.01]   |
| A61K 35/748       | 3-Punkt Untergruppe | ... Cyanobacteria, i.e. blue-green bacteria or blue-green algae, e.g. <i>spirulina</i> (algae, microalgae or microphytes A61K 36/02) [2015.01]   |
| A61K 35/76        | 2-Punkt Untergruppe | ... Viruses; Subviral particles; Bacteriophages [2, 2006.01, 2015.01]  |
| A61K 35/761       | 3-Punkt Untergruppe | ... Adenovirus [2015.01]   |
| A61K 35/763       | 3-Punkt Untergruppe | ... Herpes virus [2015.01]   |
| A61K 35/765       | 3-Punkt Untergruppe | ... Reovirus; Rotavirus [2015.01]  |
| A61K 35/766       | 3-Punkt Untergruppe | ... Rhabdovirus, e.g. vesicular stomatitis virus [2015.01]   |
| A61K 35/768       | 3-Punkt Untergruppe | ... Oncolytic viruses not provided for in groups A61K 35/761-A61K 35/766 [2015.01]   |
| <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. <i>Fucus</i> [2006.01]   |
| A61K 36/04        | 2-Punkt Untergruppe | .. Rhodophycota or rhodophyta (red algae), e.g. <i>Porphyra</i> [2006.01]  |
| A61K 36/05        | 2-Punkt Untergruppe | .. Chlorophycota or chlorophyta (green algae), e.g. <i>Chlorella</i> [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 | .... <i>Cordyceps</i> [2006.01]  |
| A61K 36/07        | 2-Punkt Untergruppe | .. Basidiomycota, e.g. <i>Cryptococcus</i> [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]   |
| A61K 36/126       | 3-Punkt Untergruppe | ... Drynaria [2006.01]   |
| A61K 36/13        | 1-Punkt Untergruppe | . Coniferophyta (gymnosperms) [2006.01]  |

| Symbol      | Typ                 | Titel   |
|-------------|---------------------|---|
| A61K 36/14  | 2-Punkt Untergruppe | ... Cupressaceae (Cypress family), e.g. juniper or cypress [2006.01]  |
| A61K 36/15  | 2-Punkt Untergruppe | ... Pinaceae (Pine family), e.g. pine or cedar [2006.01]  |
| A61K 36/16  | 1-Punkt Untergruppe | . Ginkgophyta, e.g. Ginkgoaceae (Ginkgo family) [2006.01]   |
| A61K 36/17  | 1-Punkt Untergruppe | . Gnetophyta, e.g. Ephedraceae (Mormon-tea family) [2006.01]  |
| A61K 36/18  | 1-Punkt Untergruppe | . Magnoliophyta (angiosperms) [2006.01]   |
| A61K 36/185 | 2-Punkt Untergruppe | ... Magnoliopsida (dicotyledons) [2006.01]  |
| A61K 36/19  | 3-Punkt Untergruppe | ... Acanthaceae (Acanthus family) [2006.01]   |
| A61K 36/195 | 4-Punkt Untergruppe | .... Strobilanthes [2006.01]  |
| A61K 36/20  | 3-Punkt Untergruppe | .... Aceraceae (Maple family) [2006.01]   |
| A61K 36/21  | 3-Punkt Untergruppe | .... Amaranthaceae (Amaranth family), e.g. pigweed, rockwort or globe amaranth [2006.01]                          |
| A61K 36/22  | 3-Punkt Untergruppe | .... Anacardiaceae (Sumac family), e.g. smoketree, sumac or poison oak [2006.01]                                  |
| A61K 36/23  | 3-Punkt Untergruppe | .... Apiaceae or Umbelliferae (Carrot family), e.g. dill, chervil, coriander or cumin [2006.01]                   |
| A61K 36/232 | 4-Punkt Untergruppe | .... Angelica [2006.01]   |
| A61K 36/233 | 4-Punkt Untergruppe | .... Bupleurum [2006.01]  |
| A61K 36/234 | 4-Punkt Untergruppe | .... Cnidium (snowparsley) [2006.01]  |
| A61K 36/235 | 4-Punkt Untergruppe | .... Foeniculum (fennel) [2006.01]  |
| A61K 36/236 | 4-Punkt Untergruppe | .... Ligusticum (licorice-root) [2006.01]   |
| A61K 36/237 | 4-Punkt Untergruppe | .... Notopterygium [2006.01]  |
| A61K 36/238 | 4-Punkt Untergruppe | .... Saponnikovia [2006.01]   |
| A61K 36/24  | 3-Punkt Untergruppe | ... Apocynaceae (Dogbane family), e.g. plumeria or periwinkle [2006.01]   |
| A61K 36/25  | 3-Punkt Untergruppe | ... Araliaceae (Ginseng family), e.g. ivy, aralia, schefflera or tetrapanax [2006.01]                             |
| A61K 36/254 | 4-Punkt Untergruppe | .... Acanthopanax or Eleutherococcus [2006.01]  |
| A61K 36/258 | 4-Punkt Untergruppe | .... Panax (ginseng) [2006.01]  |
| A61K 36/26  | 3-Punkt Untergruppe | ... Aristolochiaceae (Birthwort family), e.g. heartleaf [2006.01]   |
| A61K 36/264 | 4-Punkt Untergruppe | .... Aristolochia (Dutchman's pipe) [2006.01]   |
| A61K 36/268 | 4-Punkt Untergruppe | .... Asarum (wild ginger) [2006.01]   |
| A61K 36/27  | 3-Punkt Untergruppe | ... Asclepiadaceae (Milkweed family), e.g. hoyo [2006.01]   |
| A61K 36/28  | 3-Punkt Untergruppe | ... Asteraceae or Compositae (Aster or Sunflower family), e.g. chamomile, feverfew, yarrow or echinacea [2006.01] |
| A61K 36/282 | 4-Punkt Untergruppe | .... Artemisia, e.g. wormwood or sagebrush [2006.01]  |
| A61K 36/284 | 4-Punkt Untergruppe | .... Atractylodes [2006.01]   |
| A61K 36/285 | 4-Punkt Untergruppe | .... Aucklandia [2006.01]   |

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

| Symbol      | Typ                 | Titel  |
|-------------|---------------------|--|
| 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 Labiate (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]   |
| 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]   |

| Symbol      | Typ                 | Titel   |
|-------------|---------------------|---|
| 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]  |
| 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]   |

| Symbol       | Typ                 | Titel  |
|--------------|---------------------|--|
| 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]   |
| 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]   |

| Symbol            | Typ                 | Titel   |
|-------------------|---------------------|---|
| A61K 36/8888      | 4-Punkt Untergruppe | .... Pinellia [2006.01]   |
| A61K 36/889       | 3-Punkt Untergruppe | ... Arecaceae, 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]   |
| <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> |

| Symbol          | Typ                 | Titel  |
|-----------------|---------------------|--|
| <b>2006.01]</b> |                     |  |
| A61K 38/01      | 1-Punkt Untergruppe | . Hydrolysed proteins; Derivatives thereof [6, 2006.01]  |
| A61K 38/02      | 1-Punkt Untergruppe | . Peptides of undefined number of amino acids; Derivatives thereof [6, 2006.01]  |
| A61K 38/03      | 1-Punkt Untergruppe | . Peptides having up to 20 amino acids in an undefined or only partially defined sequence; Derivatives thereof [6, 2006.01]  |
| 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, 2006.01] |
| A61K 38/05      | 2-Punkt Untergruppe | .. Dipeptides [6, 2006.01]   |
| A61K 38/06      | 2-Punkt Untergruppe | .. Tripeptides [6, 2006.01]  |
| A61K 38/07      | 2-Punkt Untergruppe | .. Tetrapeptides [6, 2006.01]  |
| A61K 38/08      | 2-Punkt Untergruppe | .. Peptides having 5 to 11 amino acids [6, 2006.01]  |
| A61K 38/09      | 3-Punkt Untergruppe | ... Luteinising hormone-releasing hormone (LHRH); Related peptides [6, 2006.01]  |
| A61K 38/10      | 2-Punkt Untergruppe | .. Peptides having 12 to 20 amino acids [6, 2006.01]   |
| A61K 38/11      | 3-Punkt Untergruppe | ... Oxytocins; Vasopressins; Related peptides [6, 2006.01]   |
| A61K 38/12      | 2-Punkt Untergruppe | .. Cyclic peptides [6, 2006.01]  |
| A61K 38/13      | 3-Punkt Untergruppe | ... Cyclosporins [6, 2006.01]  |
| A61K 38/14      | 2-Punkt Untergruppe | .. Peptides containing saccharide radicals; Derivatives thereof [6, 2006.01]   |
| A61K 38/15      | 2-Punkt Untergruppe | .. Depsipeptides; Derivatives thereof [6, 2006.01]   |
| A61K 38/16      | 1-Punkt Untergruppe | . Peptides having more than 20 amino acids; Gastrins; Somatostatins; Melanotropins; Derivatives thereof [6, 2006.01]   |
| A61K 38/17      | 2-Punkt Untergruppe | .. from animals; from humans [6, 2006.01]  |
| A61K 38/18      | 3-Punkt Untergruppe | ... Growth factors; Growth regulators [6, 2006.01]   |
| A61K 38/19      | 3-Punkt Untergruppe | ... Cytokines; Lymphokines; Interferons [6, 2006.01]   |
| A61K 38/20      | 4-Punkt Untergruppe | .... Interleukins [6, 2006.01]   |
| A61K 38/21      | 4-Punkt Untergruppe | .... Interferons [6, 2006.01]  |
| 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, 2006.01]                                       |
| A61K 38/23      | 4-Punkt Untergruppe | .... Calcitonins [6, 2006.01]  |
| A61K 38/24      | 4-Punkt Untergruppe | .... Follicle-stimulating hormone (FSH); Chorionic gonadotropins, e.g. HCG; Luteinising hormone (LH); Thyroid-stimulating hormone (TSH) [6, 2006.01]                           |
| A61K 38/25      | 4-Punkt Untergruppe | .... Growth hormone-releasing factor (GH-RF) (Somatotropin) [6, 2006.01]   |
| A61K 38/26      | 4-Punkt Untergruppe | .... Glucagons [6, 2006.01]  |
| A61K 38/27      | 4-Punkt Untergruppe | .... Growth hormone (GH) (Somatotropin) [6, 2006.01]   |
| A61K 38/28      | 4-Punkt Untergruppe | .... Insulins [6, 2006.01]   |
| A61K 38/29      | 4-Punkt Untergruppe | .... Parathyroid hormone (parathormone); Parathyroid hormone-related peptides [6, 2006.01]   |

| Symbol            | Typ                 | Titel   |
|-------------------|---------------------|---|
| A61K 38/30        | 4-Punkt Untergruppe | .... Insulin-like growth factors (Somatomedins), e.g. IGF-1, IGF-2 [6, 2006.01]   |
| A61K 38/31        | 4-Punkt Untergruppe | .... Somatostatins [6, 2006.01]   |
| A61K 38/32        | 4-Punkt Untergruppe | .... Thymopoietins [6, 2006.01]   |
| A61K 38/33        | 3-Punkt Untergruppe | ... derived from pro-opiomelanocortin, pro-enkephalin or pro-dynorphin [6, 2006.01]   |
| A61K 38/34        | 4-Punkt Untergruppe | .... Melanocyte stimulating hormone (MSH), e.g. alpha- or beta-melanotropin [6, 2006.01]  |
| A61K 38/35        | 4-Punkt Untergruppe | .... Corticotropin (ACTH) [6, 2006.01]  |
| A61K 38/36        | 3-Punkt Untergruppe | ... Blood coagulation or fibrinolysis factors [6, 2006.01]  |
| A61K 38/37        | 4-Punkt Untergruppe | .... Factors VIII [6, 2006.01]  |
| A61K 38/38        | 3-Punkt Untergruppe | ... Albumins [6, 2006.01]   |
| A61K 38/39        | 3-Punkt Untergruppe | ... Connective tissue peptides, e.g. collagen, elastin, laminin, fibronectin, vitronectin, cold insoluble globulin (CIG) [6, 2006.01]         |
| A61K 38/40        | 3-Punkt Untergruppe | ... Transferrins, e.g. lactoferrins, ovotransferrins [6, 2006.01]   |
| A61K 38/41        | 2-Punkt Untergruppe | ... Porphyrin- or corrin-ring-containing peptides [6, 2006.01]  |
| A61K 38/42        | 3-Punkt Untergruppe | ... Haemoglobins; Myoglobins [6, 2006.01]   |
| A61K 38/43        | 2-Punkt Untergruppe | ... Enzymes; Proenzymes; Derivatives thereof [6, 2006.01]   |
| A61K 38/44        | 3-Punkt Untergruppe | ... Oxidoreductases (1) [6, 2006.01]  |
| A61K 38/45        | 3-Punkt Untergruppe | ... Transferases (2) [6, 2006.01]   |
| A61K 38/46        | 3-Punkt Untergruppe | ... Hydrolases (3) [6, 2006.01]   |
| A61K 38/47        | 4-Punkt Untergruppe | .... acting on glycosyl compounds (3.2), e.g. cellulases, lactases [6, 2006.01]   |
| A61K 38/48        | 4-Punkt Untergruppe | .... acting on peptide bonds (3.4) [6, 2006.01]   |
| A61K 38/49        | 5-Punkt Untergruppe | ..... Urokinase; Tissue plasminogen activator [6, 2006.01]  |
| A61K 38/50        | 4-Punkt Untergruppe | .... acting on carbon-nitrogen bonds, other than peptide bonds (3.5), e.g. asparaginase [6, 2006.01]  |
| A61K 38/51        | 3-Punkt Untergruppe | ... Lyases (4) [6, 2006.01]   |
| A61K 38/52        | 3-Punkt Untergruppe | ... Isomerases (5) [6, 2006.01]   |
| A61K 38/53        | 3-Punkt Untergruppe | ... Ligases (6) [6, 2006.01]  |
| 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, 2006.01] |
| A61K 38/55        | 2-Punkt Untergruppe | ... Protease inhibitors [6, 2006.01]  |
| A61K 38/56        | 3-Punkt Untergruppe | ... from plants [6, 2006.01]  |
| A61K 38/57        | 3-Punkt Untergruppe | ... from animals; from humans [6, 2006.01]  |
| A61K 38/58        | 4-Punkt Untergruppe | .... from leeches, e.g. hirudin, eglin [6, 2006.01]   |
| <b>A61K 39/00</b> | <b>Hauptgruppe</b>  | <b>Medicinal preparations containing antigens or antibodies (materials for immunoassay G01N 33/53 ) [2, 2006.01]</b>                          |
| A61K 39/002       | 1-Punkt Untergruppe | . Protozoa antigens [3, 2006.01]  |

| Symbol      | Typ                 | Titel  |
|-------------|---------------------|--|
| A61K 39/005 | 2-Punkt Untergruppe | ... Trypanosoma antigens [3, 2006.01]  |
| A61K 39/008 | 2-Punkt Untergruppe | ... Leishmania antigens [3, 2006.01]   |
| A61K 39/012 | 2-Punkt Untergruppe | ... Coccidia antigens [3, 2006.01]   |
| A61K 39/015 | 2-Punkt Untergruppe | ... Hemosporidia antigens, e.g. Plasmodium antigens [3, 2006.01]               |
| A61K 39/018 | 3-Punkt Untergruppe | ... Babesia antigens, e.g. Theileria antigens [3, 2006.01]                     |
| A61K 39/02  | 1-Punkt Untergruppe | . Bacterial antigens [2, 2006.01]  |
| A61K 39/04  | 2-Punkt Untergruppe | ... Mycobacterium, e.g. Mycobacterium tuberculosis [2, 3, 2006.01]             |
| A61K 39/05  | 2-Punkt Untergruppe | ... Corynebacterium; Propionibacterium [3, 2006.01]                            |
| A61K 39/07  | 2-Punkt Untergruppe | ... Bacillus [3, 2006.01]  |
| A61K 39/08  | 2-Punkt Untergruppe | ... Clostridium, e.g. Clostridium tetani [2, 2006.01]                          |
| A61K 39/085 | 2-Punkt Untergruppe | ... Staphylococcus [3, 2006.01]  |
| A61K 39/09  | 2-Punkt Untergruppe | ... Streptococcus [3, 2006.01]   |
| A61K 39/095 | 2-Punkt Untergruppe | ... Neisseria [3, 2006.01]   |
| A61K 39/10  | 2-Punkt Untergruppe | ... Brucella; Bordetella, e.g. Bordetella pertussis [2, 3, 2006.01]            |
| A61K 39/102 | 2-Punkt Untergruppe | ... Pasteurella; Haemophilus [3, 2006.01]                                      |
| A61K 39/104 | 2-Punkt Untergruppe | ... Pseudomonas [3, 2006.01]   |
| A61K 39/106 | 2-Punkt Untergruppe | ... Vibrio; Campylobacter [3, 2006.01]   |
| A61K 39/108 | 2-Punkt Untergruppe | ... Escherichia; Klebsiella [3, 2006.01]                                       |
| A61K 39/112 | 2-Punkt Untergruppe | ... Salmonella; Shigella [3, 2006.01]  |
| A61K 39/114 | 2-Punkt Untergruppe | ... Fusobacterium [3, 2006.01]   |
| A61K 39/116 | 2-Punkt Untergruppe | ... Polyvalent bacterial antigens [3, 2006.01]                                 |
| A61K 39/118 | 1-Punkt Untergruppe | . Chlamydiaceae, e.g. Chlamydia trachomatis or Chlamydia psittaci [3, 2006.01] |
| A61K 39/12  | 1-Punkt Untergruppe | . Viral antigens [2, 2006.01]  |
| A61K 39/125 | 2-Punkt Untergruppe | ... Picornaviridae, e.g. calicivirus [3, 2006.01]                              |
| A61K 39/13  | 3-Punkt Untergruppe | ... Poliovirus [3, 2006.01]  |
| A61K 39/135 | 3-Punkt Untergruppe | ... Foot-and-mouth disease virus [3, 2006.01]                                  |
| A61K 39/145 | 2-Punkt Untergruppe | ... Orthomyxoviridae, e.g. influenza virus [3, 2006.01]                        |
| A61K 39/15  | 2-Punkt Untergruppe | ... Reoviridae, e.g. calf diarrhea virus [3, 2006.01]                          |
| A61K 39/155 | 2-Punkt Untergruppe | ... Paramyxoviridae, e.g. parainfluenza virus [3, 2006.01]                     |
| A61K 39/165 | 3-Punkt Untergruppe | ... Mumps or measles virus [3, 2006.01]  |
| A61K 39/17  | 3-Punkt Untergruppe | ... Newcastle disease virus [3, 2006.01]                                       |
| A61K 39/175 | 3-Punkt Untergruppe | ... Canine distemper virus [3, 2006.01]  |

| Symbol            | Typ                 | Titel  |
|-------------------|---------------------|--|
| A61K 39/187       | 2-Punkt Untergruppe | ... Hog cholera virus [3, 2006.01]   |
| A61K 39/193       | 2-Punkt Untergruppe | ... Equine encephalomyelitis virus [3, 2006.01]  |
| A61K 39/20        | 2-Punkt Untergruppe | ... Rubella virus [2, 2006.01]   |
| A61K 39/205       | 2-Punkt Untergruppe | ... Rhabdoviridae, e.g. rabies virus [3, 2006.01]  |
| A61K 39/21        | 2-Punkt Untergruppe | ... Retroviridae, e.g. equine infectious anemia virus [3, 2006.01]   |
| A61K 39/215       | 2-Punkt Untergruppe | ... Coronaviridae, e.g. avian infectious bronchitis virus [3, 2006.01]   |
| A61K 39/225       | 3-Punkt Untergruppe | ... Porcine transmissible gastroenteritis virus [3, 2006.01]   |
| A61K 39/23        | 2-Punkt Untergruppe | ... Parvoviridae, e.g. feline panleukopenia virus [3, 2006.01]   |
| A61K 39/235       | 2-Punkt Untergruppe | ... Adenoviridae [3, 2006.01]  |
| A61K 39/245       | 2-Punkt Untergruppe | ... Herpetoviridae, e.g. herpes simplex virus [3, 2006.01]   |
| A61K 39/25        | 3-Punkt Untergruppe | ... Varicella-zoster virus [3, 2006.01]  |
| A61K 39/255       | 3-Punkt Untergruppe | ... Marek's disease virus [3, 2006.01]   |
| A61K 39/265       | 3-Punkt Untergruppe | ... Infectious rhinotracheitis virus [3, 2006.01]  |
| A61K 39/27        | 3-Punkt Untergruppe | ... Equine rhinopneumonitis virus [3, 2006.01]   |
| A61K 39/275       | 2-Punkt Untergruppe | ... Poxviridae, e.g. avipoxvirus [3, 2006.01]  |
| A61K 39/285       | 3-Punkt Untergruppe | ... Vaccinia virus or variola virus [3, 2006.01]   |
| A61K 39/29        | 2-Punkt Untergruppe | ... Hepatitis virus [3, 2006.01]   |
| A61K 39/295       | 2-Punkt Untergruppe | ... Polyvalent viral antigens (vaccinia virus or variola virus A61K 39/285); Mixtures of viral and bacterial antigens [3, 2006.01]             |
| A61K 39/35        | 1-Punkt Untergruppe | . Allergens [3, 2006.01]   |
| A61K 39/36        | 2-Punkt Untergruppe | ... from pollen [2, 3, 2006.01]  |
| A61K 39/38        | 1-Punkt Untergruppe | . Antigens from snakes [2, 2006.01]  |
| A61K 39/385       | 1-Punkt Untergruppe | . Haptens or antigens, bound to carriers [3, 2006.01]  |
| A61K 39/39        | 1-Punkt Untergruppe | . characterised by the immunostimulating additives, e.g. chemical adjuvants [3, 2006.01]   |
| A61K 39/395       | 1-Punkt Untergruppe | . Antibodies (agglutinins A61K 38/36); Immunoglobulins; Immune serum, e.g. antilymphocytic serum [3, 2006.01]                                  |
| A61K 39/40        | 2-Punkt Untergruppe | ... bacterial [2, 3, 2006.01]  |
| A61K 39/42        | 2-Punkt Untergruppe | ... viral [2, 3, 2006.01]  |
| A61K 39/44        | 2-Punkt Untergruppe | ... Antibodies bound to carriers [2, 3, 2006.01]   |
| <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) [2, 2006.01]</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, 2006.01]</b>                   |
| A61K 45/06        | 1-Punkt Untergruppe | . Mixtures of active ingredients without chemical characterisation, e.g. antiphlogistics and cardiotonics [2, 2006.01]                         |

| Symbol            | Typ                 | Titel   |
|-------------------|---------------------|---|
| 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, 2006.01]   |
| <b>A61K 47/00</b> | <b>Hauptgruppe</b>  | <b>Medicinal preparations characterised by the non-active ingredients used, e.g. carriers or inert additives; Targeting or modifying agents chemically bound to the active ingredient [2, 2006.01]</b>  |
| A61K 47/02        | 1-Punkt Untergruppe | . Inorganic compounds [5, 2006.01]  |
| A61K 47/04        | 2-Punkt Untergruppe | .. Non-metals; Compounds thereof [5, 2006.01]   |
| A61K 47/06        | 1-Punkt Untergruppe | . Organic compounds, e.g. natural or synthetic hydrocarbons, polyolefins, mineral oil, petrolatum or ozokerite [5, 2006.01]   |
| A61K 47/08        | 2-Punkt Untergruppe | .. containing oxygen [5, 2006.01]   |
| A61K 47/10        | 3-Punkt Untergruppe | ... Alcohols; Phenols; Salts thereof, e.g. glycerol; Polyethylene glycols [PEG]; Poloxamers; PEG/POE alkyl ethers [5, 2006.01]  |
| A61K 47/12        | 3-Punkt Untergruppe | ... Carboxylic acids; Salts or anhydrides thereof [5, 2006.01]  |
| A61K 47/14        | 3-Punkt Untergruppe | ... Esters of carboxylic acids, e.g. fatty acid monoglycerides, medium-chain triglycerides, parabens or PEG fatty acid esters [5, 2006.01]  |
| A61K 47/16        | 2-Punkt Untergruppe | .. containing nitrogen [5, 2006.01]   |
| A61K 47/18        | 3-Punkt Untergruppe | ... Amines; Amides; Ureas; Quaternary ammonium compounds; Amino acids; Oligopeptides having up to five amino acids [5, 2006.01]   |
| A61K 47/20        | 2-Punkt Untergruppe | .. containing sulfur, e.g. dimethyl sulfoxide [DMSO], docusate, sodium lauryl sulfate or aminosulfonic acids [5, 2006.01]   |
| A61K 47/22        | 2-Punkt Untergruppe | .. Heterocyclic compounds, e.g. ascorbic acid, tocopherol or pyrrolidones [5, 2006.01]  |
| A61K 47/24        | 2-Punkt Untergruppe | .. containing atoms other than carbon, hydrogen, oxygen, halogen, nitrogen or sulfur, e.g. cyclomethicone or phospholipids [5, 2006.01]   |
| A61K 47/26        | 2-Punkt Untergruppe | .. Carbohydrates, e.g. sugar alcohols, amino sugars, nucleic acids, mono-, di- or oligo-saccharides; Derivatives thereof, e.g. polysorbates, sorbitan fatty acid esters or glycyrrhizin [5, 2006.01]  |
| A61K 47/28        | 2-Punkt Untergruppe | .. Steroids, e.g. cholesterol, bile acids or glycyrrhetic acid [5, 2006.01]   |
| A61K 47/30        | 1-Punkt Untergruppe | . Macromolecular organic or inorganic compounds, e.g. inorganic polyphosphates [5, 2006.01]   |
| A61K 47/32        | 2-Punkt Untergruppe | .. Macromolecular compounds obtained by reactions only involving carbon-to-carbon unsaturated bonds, e.g. carbomers [5, 2006.01]  |
| A61K 47/34        | 2-Punkt Untergruppe | .. <i>Macromolecular compounds obtained otherwise than by reactions only involving carbon-to-carbon unsaturated bonds, e.g. polyesters, polyamino acids, polysiloxanes, polyphosphazines, copolymers of polyalkylene glycol or poloxamers (A61K 47/10 takes precedence) [5, 2006.01, 2017.01]</i> |
| A61K 47/36        | 2-Punkt Untergruppe | .. Polysaccharides; Derivatives thereof, e.g. gums, starch, alginate, dextrin, hyaluronic acid, chitosan, inulin, agar or pectin [5, 2006.01]   |
| A61K 47/38        | 3-Punkt Untergruppe | ... Cellulose; Derivatives thereof [5, 2006.01]   |
| A61K 47/40        | 3-Punkt Untergruppe | ... Cyclodextrins; Derivatives thereof [5, 2006.01]   |
| A61K 47/42        | 2-Punkt Untergruppe | .. <i>Proteins; Polypeptides; Degradation products thereof; Derivatives thereof, e.g. albumin, gelatin or zein (oligopeptides having up to five amino acids A61K 47/18; polyamino acids A61K 47/34) [5, 2006.01, 2017.01]</i>   |

| Symbol            | Typ                 | Titel  |
|-------------------|---------------------|--|
| A61K 47/44        | 1-Punkt Untergruppe | . Oils, fats or waxes according to two or more groups of A61K 47/02-A61K 47/42 ; Natural or modified natural oils, fats or waxes, e.g. castor oil, polyethoxylated castor oil, montan wax, lignite, shellac, rosin, beeswax or lanolin (synthetic glycerides, e.g. medium-chain triglycerides, A61K 47/14) [5, 2006.01, 2017.01] |
| A61K 47/46        | 1-Punkt Untergruppe | . Ingredients of undetermined constitution or reaction products thereof, e.g. skin, bone, milk, cotton fibre, eggshell, oxgall or plant extracts [5, 2006.01]  |
| A61K 47/48        | Gelöscht            | (transferred to A61K 47/50-A61K 47/69)   |
| A61K 47/50        | 1-Punkt Untergruppe | . the non-active ingredient being chemically bound to the active ingredient, e.g. polymer-drug conjugates [2017.01]  |
| A61K 47/51        | 2-Punkt Untergruppe | .. the non-active ingredient being a modifying agent [2017.01]   |
| A61K 47/52        | 3-Punkt Untergruppe | ... the modifying agent being an inorganic compound, e.g. an inorganic ion that is complexed with the active ingredient [2017.01]  |
| A61K 47/54        | 3-Punkt Untergruppe | ... the modifying agent being an organic compound [2017.01]  |
| A61K 47/55        | 4-Punkt Untergruppe | .... the modifying agent being also a pharmacologically or therapeutically active agent, i.e. the entire conjugate being a codrug, i.e. a dimer, oligomer or polymer of pharmacologically or therapeutically active compounds [2017.01]  |
| A61K 47/56        | 3-Punkt Untergruppe | ... the modifying agent being an organic macromolecular compound, e.g. an oligomeric, polymeric or dendrimeric molecule [2017.01]  |
| A61K 47/58        | 4-Punkt Untergruppe | .... obtained by reactions only involving carbon-to-carbon unsaturated bonds, e.g. poly[meth]acrylate, polyacrylamide, polystyrene, polyvinylpyrrolidone, polyvinylalcohol or polystyrene sulfonic acid resin [2017.01]  |
| A61K 47/59        | 4-Punkt Untergruppe | .... obtained otherwise than by reactions only involving carbon-to-carbon unsaturated bonds, e.g. polyureas or polyurethanes [2017.01]   |
| A61K 47/60        | 5-Punkt Untergruppe | ..... the organic macromolecular compound being a polyoxyalkylene oligomer, polymer or dendrimer, e.g. PEG, PPG, PEO or polyglycerol [2017.01]   |
| A61K 47/61        | 4-Punkt Untergruppe | .... the organic macromolecular compound being a polysaccharide or a derivative thereof [2017.01]  |
| A61K 47/62        | 3-Punkt Untergruppe | ... the modifying agent being a protein, peptide or polyamino acid [2017.01]   |
| A61K 47/64        | 4-Punkt Untergruppe | .... Drug-peptide, drug-protein or drug-polyamino acid conjugates, i.e. the modifying agent being a peptide, protein or polyamino acid which is covalently bonded or complexed to a therapeutically active agent (peptidic linkers A61K 47/65) [2017.01]   |
| A61K 47/65        | 4-Punkt Untergruppe | .... Peptidic linkers, binders or spacers, e.g. peptidic enzyme-labile linkers [2017.01]   |
| A61K 47/66        | 4-Punkt Untergruppe | .... the modifying agent being a pre-targeting system involving a peptide or protein for targeting specific cells [2017.01]  |
| A61K 47/68        | 3-Punkt Untergruppe | ... the modifying agent being an antibody, an immunoglobulin or a fragment thereof, e.g. an Fc-fragment [2017.01]  |
| A61K 47/69        | 2-Punkt Untergruppe | ... the conjugate being characterised by physical or galenical forms, e.g. emulsion, particle, inclusion complex, stent or kit [2017.01]   |
| <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, 2006.01]</b>   |
| <b>A61K 49/00</b> | <b>Hauptgruppe</b>  | <b>Preparations for testing <u>in vivo</u> [3, 2006.01]</b>  |
| A61K 49/04        | 1-Punkt Untergruppe | . X-ray contrast preparations [3, 2006.01]   |
| A61K 49/06        | 1-Punkt Untergruppe | . Nuclear magnetic resonance (NMR) contrast preparations; Magnetic resonance imaging (MRI) contrast preparations [7, 2006.01]  |

| Symbol             | Typ                 | Titel  |
|--------------------|---------------------|--|
| A61K 49/08         | 2-Punkt Untergruppe | ... characterised by the carrier [7, 2006.01]  |
| A61K 49/10         | 3-Punkt Untergruppe | ... Organic compounds [7, 2006.01]   |
| A61K 49/12         | 4-Punkt Untergruppe | .... Macromolecular compounds [7, 2006.01]   |
| A61K 49/14         | 4-Punkt Untergruppe | .... Peptides, e.g. proteins [7, 2006.01]  |
| A61K 49/16         | 5-Punkt Untergruppe | ..... Antibodies; Immunoglobulins; Fragments thereof [7, 2006.01]  |
| A61K 49/18         | 2-Punkt Untergruppe | ... characterised by a special physical form, e.g. emulsions, microcapsules, liposomes [7, 2006.01]  |
| A61K 49/20         | 2-Punkt Untergruppe | ... containing free radicals [7, 2006.01]  |
| A61K 49/22         | 1-Punkt Untergruppe | . Echographic preparations; Ultrasound imaging preparations [7, 2006.01]   |
| <b>A61K 50/00</b>  | <b>Hauptgruppe</b>  | <b>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]</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, 2006.01]</b>  |
| A61K 51/02         | 1-Punkt Untergruppe | . characterised by the carrier [6, 2006.01]  |
| A61K 51/04         | 2-Punkt Untergruppe | ... Organic compounds [6, 2006.01]   |
| A61K 51/06         | 3-Punkt Untergruppe | ... Macromolecular compounds [6, 2006.01]  |
| A61K 51/08         | 3-Punkt Untergruppe | ... Peptides, e.g. proteins [6, 2006.01]   |
| A61K 51/10         | 4-Punkt Untergruppe | .... Antibodies or immunoglobulins; Fragments thereof [6, 2006.01]   |
| A61K 51/12         | 1-Punkt Untergruppe | . characterised by a special physical form, e.g. emulsion, microcapsules, liposomes [6, 2006.01]   |
|                    |                     | <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, 2006.01]</b>   |
| A61K 101/02        | 1-Punkt Untergruppe | . Halogens [6, 2006.01]  |
| <b>A61K 103/00</b> | <b>Hauptgruppe</b>  | <b>Radioactive metals [6, 2006.01]</b>   |
| A61K 103/10        | 1-Punkt Untergruppe | . Technetium; Rhenium [6, 2006.01]   |
| A61K 103/20        | 1-Punkt Untergruppe | . Indium [6, 2006.01]  |
| A61K 103/30        | 1-Punkt Untergruppe | . Rare earths [6, 2006.01]   |
| A61K 103/32        | 2-Punkt Untergruppe | ... Yttrium [6, 2006.01]   |
| A61K 103/34        | 2-Punkt Untergruppe | ... Gadolinium [6, 2006.01]  |
| A61K 103/36        | 2-Punkt Untergruppe | ... Ytterbium [6, 2006.01]   |
| A61K 103/40        | 1-Punkt Untergruppe | . Actinides [6, 2006.01]   |
|                    |                     | <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>Containing or obtained from roots, bulbs, tubers, corms or rhizomes [2006.01]</b>   |
| <b>A61K 127/00</b> | <b>Hauptgruppe</b>  | <b>Containing or obtained from leaves [2006.01]</b>  |
| <b>A61K 129/00</b> | <b>Hauptgruppe</b>  | <b>Containing or obtained from bark [2006.01]</b>  |
| <b>A61K 131/00</b> | <b>Hauptgruppe</b>  | <b>Containing or obtained from seeds, nuts, fruits or grains [2006.01]</b>   |
| <b>A61K 133/00</b> | <b>Hauptgruppe</b>  | <b>Containing or obtained from flowers or blossoms [2006.01]</b>   |

| Symbol             | Typ                | Titel   |
|--------------------|--------------------|---|
| <b>A61K 135/00</b> | <b>Hauptgruppe</b> | <b>Containing or obtained from stems, stalks, branches, twigs or shoots [2006.01]</b> |