

Symbol	Typ	Titel
A	Sektion	SECTION A — HUMAN NECESSITIES
A01	Untersektion	AGRICULTURE
A01	Klasse	AGRICULTURE; FORESTRY; ANIMAL HUSBANDRY; HUNTING; TRAPPING; FISHING
A01N	Unterklasse	PRESERVATION OF BODIES OF HUMANS OR ANIMALS OR PLANTS OR PARTS THEREOF; BIOCIDES, e.g. AS DISINFECTANTS, AS PESTICIDES, AS HERBICIDES (preparations for medical, dental, or toilet purposes A61K; methods or apparatus for disinfection or sterilisation in general, or for deodorisation of air A61L); PEST REPELLANTS OR ATTRACTANTS (decoys A01M 31/06; medicinal preparations A61K); PLANT GROWTH REGULATORS (compounds in general C01, C07, C08; fertilisers C05; soil conditioners or stabilisers C09K 17/00)
		<u>Preservation of bodies of humans or animals, or plants, or parts thereof</u>
A01N 1/00	Hauptgruppe	Preservation of bodies of humans or animals, or parts thereof (preservation of foodstuffs A23; medicinal preparations containing materials from mammals or birds, e.g. blood, sperm, A61K 35/12; cell or tissue culture C12N 5/00)
A01N 1/02	1-Punkt Untergruppe	. Preservation of living parts
A01N 3/00	Hauptgruppe	Preservation of plants or parts thereof, e.g. inhibiting evaporation, improvement of the appearance of leaves (preservation of foodstuffs A23; preservation or chemical ripening of fruit or vegetables A23B 7/00); Grafting wax
A01N 3/02	1-Punkt Untergruppe	. Keeping cut flowers fresh chemically (apparatus therefor A01G 5/06)
A01N 3/04	1-Punkt Untergruppe	. Grafting wax
		<u>Biocides; Pest repellants or attractants; Plant growth regulators [3]</u>
A01N 25/00	Hauptgruppe	Biocides, pest repellants or attractants, or plant growth regulators, characterised by their forms, or by their non-active ingredients or by their methods of application (apparatus for the destruction of noxious animals or noxious plants A01M; fungicidal, bactericidal, insecticidal, disinfecting or antiseptic paper D21H); Substances for reducing the noxious effect of the active ingredients to organisms other than pests [3]
A01N 25/02	1-Punkt Untergruppe	. containing liquids as carriers, diluents or solvents [3]
A01N 25/04	2-Punkt Untergruppe	. . Dispersions or gels (foams A01N 25/16) [3]
A01N 25/06	3-Punkt Untergruppe	. . . Aerosols [3]
A01N 25/08	1-Punkt Untergruppe	. containing solids as carriers or diluents [3]
A01N 25/10	2-Punkt Untergruppe	. . Macromolecular compounds [3]
A01N 25/12	1-Punkt Untergruppe	. Powders or granules (A01N 25/26 takes precedence) [3]
A01N 25/14	2-Punkt Untergruppe	. . wettable [3]
A01N 25/16	1-Punkt Untergruppe	. Foams [3]
A01N 25/18	1-Punkt Untergruppe	. Vapour or smoke emitting compositions with delayed or sustained release (fumigators A01M 13/00) [3]
A01N 25/20	1-Punkt Untergruppe	. Combustible or heat-generating compositions [3]
A01N 25/22	1-Punkt Untergruppe	. containing ingredients stabilising the active ingredients [3]
A01N 25/24	1-Punkt Untergruppe	. containing ingredients to enhance the sticking of the active ingredients [3]
A01N 25/26	1-Punkt Untergruppe	. in coated particulate form [3]
A01N 25/28	2-Punkt Untergruppe	. . Microcapsules [3]

Symbol	Typ	Titel
A01N 25/30	1-Punkt Untergruppe	. characterised by the surfactants [3]
A01N 25/32	1-Punkt Untergruppe	. Ingredients for reducing the noxious effect of the active substances to organisms other than pests, e.g. toxicity reducing compositions, self-destructing compositions [3]
A01N 25/34	1-Punkt Untergruppe	. Shaped forms, e.g. sheets, not provided for in any other group of this main group [3]
A01N 27/00	Hauptgruppe	Biocides, pest repellants or attractants, or plant growth regulators containing hydrocarbons [3]
A01N 29/00	Hauptgruppe	Biocides, pest repellants or attractants, or plant growth regulators containing halogenated hydrocarbons [3]
A01N 29/02	1-Punkt Untergruppe	. Acyclic compounds or compounds containing halogen attached to an aliphatic side chain of a cycloaliphatic ring system [3]
A01N 29/04	1-Punkt Untergruppe	. Halogen directly attached to a carbocyclic ring system [3]
A01N 29/06	2-Punkt Untergruppe	. . Hexachlorocyclohexane [3]
A01N 29/08	2-Punkt Untergruppe	. . Halogen directly attached to a polycyclic ring system [3]
A01N 29/10	1-Punkt Untergruppe	. Halogen attached to an aliphatic side chain of an aromatic ring system [3]
A01N 29/12	2-Punkt Untergruppe	. . 1,1-Di- or 1,1,1-tri-halo-2-aryl-ethane or -ethene or derivatives thereof, e.g. DDT [3]
A01N 31/00	Hauptgruppe	Biocides, pest repellants or attractants, or plant growth regulators containing organic oxygen or sulfur compounds [3]
A01N 31/02	1-Punkt Untergruppe	. Acyclic compounds [3]
A01N 31/04	1-Punkt Untergruppe	. Oxygen or sulfur attached to an aliphatic side chain of a carbocyclic ring system [3]
A01N 31/06	1-Punkt Untergruppe	. Oxygen or sulfur directly attached to a cycloaliphatic ring system [3]
A01N 31/08	1-Punkt Untergruppe	. Oxygen or sulfur directly attached to an aromatic ring system [3]
A01N 31/10	2-Punkt Untergruppe	. . Pentachlorophenol [3]
A01N 31/12	2-Punkt Untergruppe	. . Bis-chlorophenols [3]
A01N 31/14	2-Punkt Untergruppe	. . Ethers [3]
A01N 31/16	2-Punkt Untergruppe	. . with two or more oxygen or sulfur atoms directly attached to the same aromatic ring system [3]
A01N 33/00	Hauptgruppe	Biocides, pest repellants or attractants, or plant growth regulators containing organic nitrogen compounds [3]
A01N 33/02	1-Punkt Untergruppe	. Amines; Quaternary ammonium compounds [3]
A01N 33/04	2-Punkt Untergruppe	. . Nitrogen directly attached to aliphatic or cycloaliphatic carbon atoms [3]
A01N 33/06	2-Punkt Untergruppe	. . Nitrogen directly attached to an aromatic ring system [3]
A01N 33/08	2-Punkt Untergruppe	. . containing oxygen or sulfur [3]
A01N 33/10	3-Punkt Untergruppe	. . . having at least one oxygen or sulfur atom directly attached to an aromatic ring system [3]
A01N 33/12	2-Punkt Untergruppe	. . Quaternary ammonium compounds [3]
A01N 33/14	1-Punkt Untergruppe	. containing nitrogen-to-halogen bonds [3]
A01N 33/16	1-Punkt Untergruppe	. containing nitrogen-to-oxygen bonds [3]
A01N 33/18	2-Punkt Untergruppe	. . Nitro compounds [3]
A01N 33/20	3-Punkt Untergruppe	. . . containing oxygen or sulfur attached to the carbon skeleton containing the nitro group [3]

Symbol	Typ	Titel
A01N 33/22	4-Punkt Untergruppe	. . . having at least one oxygen or sulfur atom and at least one nitro group directly attached to the same aromatic ring system [3]
A01N 33/24	2-Punkt Untergruppe	. . only one oxygen atom attached to the nitrogen atom [3]
A01N 33/26	1-Punkt Untergruppe	. containing nitrogen-to-nitrogen bonds, e.g. azides, diazo-amino compounds, diazonium compounds, hydrazine derivatives [3]
A01N 35/00	Hauptgruppe	Biocides, pest repellants or attractants, or plant growth regulators containing organic compounds containing a carbon atom having two bonds to hetero atoms with at the most one bond to halogen, e.g. aldehyde radical [3]
A01N 35/02	1-Punkt Untergruppe	. containing aliphatically bound aldehyde or keto groups, or thio-analogues thereof; Derivatives thereof, e.g. acetals [3]
A01N 35/04	1-Punkt Untergruppe	. containing aldehyde or keto groups, or thio-analogues thereof, directly attached to an aromatic ring system, e.g. acetophenone; Derivatives thereof, e.g. acetals [3]
A01N 35/06	1-Punkt Untergruppe	. containing keto or thioketo groups as part of a ring, e.g. cyclohexanone, quinone; Derivatives thereof, e.g. ketals [3]
A01N 35/08	1-Punkt Untergruppe	. at least one of the bonds to hetero atoms is to nitrogen [3]
A01N 35/10	2-Punkt Untergruppe	. . containing a carbon-to-nitrogen double bond [3]
A01N 37/00	Hauptgruppe	Biocides, pest repellants or attractants, or plant growth regulators containing organic compounds containing a carbon atom having three bonds to hetero atoms with at the most two bonds to halogen, e.g. carboxylic acids (containing cyclopropane carboxylic acids or derivatives thereof, e.g. cyclopropane carboxylic acid nitriles, A01N 53/00) [3]
A01N 37/02	1-Punkt Untergruppe	. Saturated carboxylic acids or thio-analogues thereof; Derivatives thereof [3]
A01N 37/04	2-Punkt Untergruppe	. . polybasic [3]
A01N 37/06	1-Punkt Untergruppe	. Unsaturated carboxylic acids or thio-analogues thereof; Derivatives thereof [3]
A01N 37/08	1-Punkt Untergruppe	. containing carboxylic groups or thio-analogues thereof, directly attached by the carbon atom to a cycloaliphatic ring; Derivatives thereof [3]
A01N 37/10	1-Punkt Untergruppe	. Aromatic or araliphatic carboxylic acids, or thio-analogues thereof; Derivatives thereof [3]
A01N 37/12	1-Punkt Untergruppe	$-\text{CO}-\text{O}-\overset{\cdot\cdot}{\underset{\cdot\cdot}{\text{C}}}\equiv\overset{\cdot\cdot}{\text{C}}_{\text{n}}\overset{\cdot\cdot}{\text{Y}}\overset{\cdot\cdot}{\text{...}}$ <p>. containing the group , wherein C_n means a carbon skeleton not containing a ring; Thio-analogues thereof [3]</p>
A01N 37/14	1-Punkt Untergruppe	$-\text{CO}-\text{O}-\overset{\cdot\cdot}{\underset{\cdot\cdot}{\text{C}}}\equiv\overset{\cdot\cdot}{\text{X}}\overset{\cdot\cdot}{\text{...}}$ <p>. containing the group ; Thio-analogues thereof [3]</p>
A01N 37/16	1-Punkt Untergruppe	$-\text{CO}-\text{O}-\overset{\cdot\cdot}{\underset{\cdot\cdot}{\text{Y}}}\overset{\cdot\cdot}{\text{...}}$ <p>. containing the group ; Thio-analogues thereof [3]</p>
A01N 37/18	1-Punkt Untergruppe	. containing the group $-\text{CO}-\text{N} \begin{array}{l} \diagup \\ \diagdown \end{array}$, e.g. carboxylic acid amides or imides; Thio-analogues thereof [3]

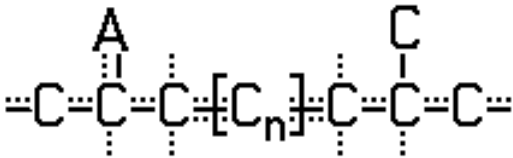
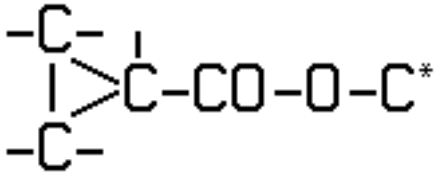
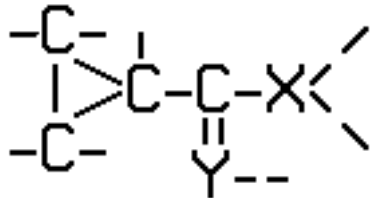
Symbol	Typ	Titel
A01N 37/20	2-Punkt Untergruppe	$-\text{CO}-\overset{\cdot\cdot}{\underset{\cdot\cdot}{\text{N}}}=\overset{\cdot\cdot}{\underset{\cdot\cdot}{\text{C}}}\equiv\overset{\cdot\cdot}{\underset{\cdot\cdot}{\text{C}}}_n\equiv\overset{\cdot\cdot}{\underset{\cdot\cdot}{\text{Y}}}\cdot\cdot\cdot$ <p>. . containing the group , wherein C_n means a carbon skeleton not containing a ring; Thio-analogues thereof [3]</p>
A01N 37/22	2-Punkt Untergruppe	. . the nitrogen atom being directly attached to an aromatic ring system, e.g. anilides [3]
A01N 37/24	3-Punkt Untergruppe	. . . containing at least one oxygen or sulfur atom being directly attached to the same aromatic ring system [3]
A01N 37/26	2-Punkt Untergruppe	$-\text{CO}-\overset{\cdot\cdot}{\underset{\cdot\cdot}{\text{N}}}-\overset{\cdot\cdot}{\underset{\cdot\cdot}{\text{C}}}\equiv\overset{\cdot\cdot}{\underset{\cdot\cdot}{\text{X}}}\cdot\cdot\cdot$ <p>. . containing the group ; Thio-analogues thereof [3]</p>
A01N 37/28	2-Punkt Untergruppe	$-\text{CO}-\overset{\cdot\cdot}{\underset{\cdot\cdot}{\text{N}}}\equiv\overset{\cdot\cdot}{\underset{\cdot\cdot}{\text{X}}}\cdot\cdot\cdot$ <p>. . containing the group ; Thio-analogues thereof [3]</p>
A01N 37/30	2-Punkt Untergruppe	$\begin{array}{c} \text{O} \\ \parallel \\ -\text{C}\equiv\overset{\cdot\cdot}{\underset{\cdot\cdot}{\text{X}}}\cdot\cdot\cdot \end{array}$ <p>. . containing the groups $-\text{CO}-\overset{\cdot\cdot}{\underset{\cdot\cdot}{\text{N}}}$ and $-\overset{\cdot\cdot}{\underset{\cdot\cdot}{\text{C}}}\equiv\overset{\cdot\cdot}{\underset{\cdot\cdot}{\text{X}}}\cdot\cdot\cdot$ both being directly attached by their carbon atoms to the same carbon skeleton, e.g. H₂N-NH-CO-C₆H₄-COOCH₃; Thio-analogues thereof [3]</p>
A01N 37/32	2-Punkt Untergruppe	. . Cyclic imides of polybasic carboxylic acids or thio-analogues thereof [3]
A01N 37/34	1-Punkt Untergruppe	. Nitriles [3]
A01N 37/36	1-Punkt Untergruppe	. containing at least one carboxylic group or a thio-analogue, or a derivative thereof, and a singly bound oxygen or sulfur atom attached to the same carbon skeleton, this oxygen or sulfur atom not being a member of a carboxylic group or of a thio-analogue, or of a derivative thereof, e.g. hydroxy-carboxylic acids [3]
A01N 37/38	2-Punkt Untergruppe	. . having at least one oxygen or sulfur atom attached to an aromatic ring system [3]
A01N 37/40	3-Punkt Untergruppe	. . . having at least one carboxylic group or a thio-analogue, or a derivative thereof, and one oxygen or sulfur atom attached to the same aromatic ring system [3]
A01N 37/42	1-Punkt Untergruppe	. containing within the same carbon skeleton a carboxylic group or a thio-analogue, or a derivative thereof, and a carbon atom having only two bonds to hetero atoms with at the most one bond to halogen, e.g. keto-carboxylic acids [3]
A01N 37/44	1-Punkt Untergruppe	. containing at least one carboxylic group or a thio-analogue, or a derivative thereof, and a nitrogen atom attached to the same carbon skeleton by a single or double bond, this nitrogen atom not being a member of a derivative or of a thio-analogue of a carboxylic group, e.g. amino-carboxylic acids [3]
A01N 37/46	2-Punkt Untergruppe	. . N-acyl derivatives [3]
A01N 37/48	2-Punkt Untergruppe	. . Nitro-carboxylic acids; Derivatives thereof [3]
A01N 37/50	2-Punkt Untergruppe	. . the nitrogen atom being doubly bound to the carbon skeleton [3]
A01N 37/52	1-Punkt Untergruppe	$\cdot\cdot\cdot\overset{\cdot\cdot}{\underset{\cdot\cdot}{\text{X}}}-\overset{\cdot\cdot}{\underset{\cdot\cdot}{\text{C}}}=\overset{\cdot\cdot}{\underset{\cdot\cdot}{\text{N}}}-$ <p>. containing groups, e.g. carboxylic acid amidines [3]</p>
A01N 39/00	Hauptgruppe	Biocides, pest repellants or attractants, or plant growth regulators containing aryloxy- or

Symbol	Typ	Titel
		<p>arylthio-aliphatic or cycloaliphatic compounds, containing the group</p> $\text{Ar}-\text{O}-\text{C}_n\equiv\text{Y} \quad \text{or} \quad \text{Ar}-\text{S}-\text{C}_n\equiv\text{Y}$ <p>, e.g. phenoxyethylamine, phenylthio-acetonitrile, phenoxyacetone [3]</p>
A01N 39/02	1-Punkt Untergruppe	. Aryloxy-carboxylic acids; Derivatives thereof [3]
A01N 39/04	2-Punkt Untergruppe	. . Aryloxy-acetic acids; Derivatives thereof [3]
A01N 41/00	Hauptgruppe	Biocides, pest repellants or attractants, or plant growth regulators containing organic compounds containing a sulfur atom bound to a hetero atom [3]
A01N 41/02	1-Punkt Untergruppe	. containing a sulfur-to-oxygen double bond [3]
A01N 41/04	2-Punkt Untergruppe	. . Sulfonic acids; Derivatives thereof [3]
A01N 41/06	3-Punkt Untergruppe	. . . Sulfonic acid amides [3]
A01N 41/08	3-Punkt Untergruppe	. . . Sulfonic acid halides; alpha-Hydroxy-sulfonic acids; Amino-sulfonic acids; Thiosulfonic acids; Derivatives thereof [3]
A01N 41/10	2-Punkt Untergruppe	. . Sulfones; Sulfoxides [3]
A01N 41/12	1-Punkt Untergruppe	. not containing sulfur-to-oxygen bonds, e.g. polysulfides [3]
A01N 43/00	Hauptgruppe	Biocides, pest repellants or attractants, or plant growth regulators containing heterocyclic compounds (containing cyclic anhydrides, cyclic imides A01N 37/00; containing compounds of the
		$\text{X}_m\equiv\text{C}_n-\text{N}\left(\begin{array}{c} \text{C} \\ \text{C} \end{array}\right)$ <p>formula , containing only one heterocyclic ring, wherein $m \geq 1$</p> $-\text{N}\left(\begin{array}{c} \text{C} \\ \text{C} \end{array}\right)$ <p>and $n \geq 0$ and is unsubstituted or alkylsubstituted pyrrolidine, piperidine, morpholine, thiomorpholine, piperazine or a polymethyleneimine with four or more CH_2 groups A01N 33/00-A01N 41/12; containing cyclopropane carboxylic acids or derivatives thereof, e.g. esters having heterocyclic rings, A01N 53/00) [3]</p>
A01N 43/02	1-Punkt Untergruppe	. having rings with one or more oxygen or sulfur atoms as the only ring hetero atom [3]
A01N 43/04	2-Punkt Untergruppe	. . with one hetero atom [3]
A01N 43/06	3-Punkt Untergruppe	. . . five-membered rings [3]
A01N 43/08	4-Punkt Untergruppe with oxygen as the ring hetero atom [3]
A01N 43/10	4-Punkt Untergruppe with sulfur as the ring hetero atom [3]
A01N 43/12	4-Punkt Untergruppe condensed with a carbocyclic ring [3]
A01N 43/14	3-Punkt Untergruppe	. . . six-membered rings [3]
A01N 43/16	4-Punkt Untergruppe with oxygen as the ring hetero atom [3]
A01N 43/18	4-Punkt Untergruppe with sulfur as the ring hetero atom [3]
A01N 43/20	3-Punkt Untergruppe	. . . three- or four-membered rings [3]
A01N 43/22	3-Punkt Untergruppe	. . . rings with more than six members [3]
A01N 43/24	2-Punkt Untergruppe	. . with two or more hetero atoms [3]

Symbol	Typ	Titel
A01N 43/26	3-Punkt Untergruppe	. . . five-membered rings [3]
A01N 43/28	4-Punkt Untergruppe with two hetero atoms in positions 1,3 [3]
A01N 43/30	5-Punkt Untergruppe with two oxygen atoms in positions 1,3, condensed with a carbocyclic ring [3]
A01N 43/32	3-Punkt Untergruppe	. . . six-membered rings [3]
A01N 43/34	1-Punkt Untergruppe	. having rings with one nitrogen atom as the only ring hetero atom [3]
A01N 43/36	2-Punkt Untergruppe	. . five-membered rings [3]
A01N 43/38	3-Punkt Untergruppe	. . . condensed with carbocyclic rings [3]
A01N 43/40	2-Punkt Untergruppe	. . six-membered rings [3]
A01N 43/42	3-Punkt Untergruppe	. . . condensed with carbocyclic rings [3]
A01N 43/44	2-Punkt Untergruppe	. . three- or four-membered rings [3]
A01N 43/46	2-Punkt Untergruppe	. . rings with more than six members [3]
A01N 43/48	1-Punkt Untergruppe	. having rings with two nitrogen atoms as the only ring hetero atoms [3]
A01N 43/50	2-Punkt Untergruppe	. . 1,3-Diazoles; Hydrogenated 1,3-diazoles [3]
A01N 43/52	3-Punkt Untergruppe	. . . condensed with carbocyclic rings, e.g. benzimidazoles [3]
A01N 43/54	2-Punkt Untergruppe	. . 1,3-Diazines; Hydrogenated 1,3-diazines [3]
A01N 43/56	2-Punkt Untergruppe	. . 1,2-Diazoles; Hydrogenated 1,2-diazoles [3]
A01N 43/58	2-Punkt Untergruppe	. . 1,2-Diazines; Hydrogenated 1,2-diazines [3]
A01N 43/60	2-Punkt Untergruppe	. . 1,4-Diazines; Hydrogenated 1,4-diazines [3]
A01N 43/62	2-Punkt Untergruppe	. . three- or four-membered rings or rings with more than six members [3]
A01N 43/64	1-Punkt Untergruppe	. having rings with three nitrogen atoms as the only ring hetero atoms [3, 4]
A01N 43/647	2-Punkt Untergruppe	. . Triazoles; Hydrogenated triazoles [4]
A01N 43/653	3-Punkt Untergruppe	. . . 1,2,4-Triazoles; Hydrogenated 1,2,4-triazoles [4]
A01N 43/66	2-Punkt Untergruppe	. . 1,3,5-Triazines, not hydrogenated and not substituted at the ring nitrogen atoms [3]
A01N 43/68	3-Punkt Untergruppe	. . . with two or three nitrogen atoms directly attached to ring carbon atoms [3]
A01N 43/70	4-Punkt Untergruppe Diamino-1,3,5-triazines with only one oxygen, sulfur or halogen atom or only one cyano, thiocyno (—SCN), cyanato (—OCN) or azido (—N ₃) group directly attached to a ring carbon atom [3]
A01N 43/707	2-Punkt Untergruppe	. . 1,2,3- or 1,2,4-Triazines; Hydrogenated 1,2,3- or 1,2,4-triazines [4]
A01N 43/713	1-Punkt Untergruppe	. having rings with four or more nitrogen atoms as the only ring hetero atoms [4]
A01N 43/72	1-Punkt Untergruppe	. having rings with nitrogen atoms and oxygen or sulfur atoms, as ring hetero atoms [3]
A01N 43/74	2-Punkt Untergruppe	. . five-membered rings with one nitrogen atom and either one oxygen atom or one sulfur atom in positions 1,3 [3]
A01N 43/76	3-Punkt Untergruppe	. . . 1,3-Oxazoles; Hydrogenated 1,3-oxazoles [3]
A01N 43/78	3-Punkt Untergruppe	. . . 1,3-Thiazoles; Hydrogenated 1,3-thiazoles [3]

Symbol	Typ	Titel
A01N 43/80	2-Punkt Untergruppe	. . five-membered rings with one nitrogen atom and either one oxygen atom or one sulfur atom in positions 1,2 [3]
A01N 43/82	2-Punkt Untergruppe	. . five-membered rings with three hetero atoms [3]
A01N 43/824	3-Punkt Untergruppe	. . . 1,3,4-Oxa(thia)diazoles; Hydrogenated 1,3,4-oxa(thia)diazoles [6]
A01N 43/828	3-Punkt Untergruppe	. . . 1,2,3-Oxa(thia)diazoles; Hydrogenated 1,2,3-oxa(thia)diazoles [6]
A01N 43/832	3-Punkt Untergruppe	. . . 1,2,5-Oxa(thia)diazoles; Hydrogenated 1,2,5-oxa(thia)diazoles [6]
A01N 43/836	3-Punkt Untergruppe	. . . 1,2,4-Oxa(thia)diazoles; Hydrogenated 1,2,4-oxa(thia)diazoles [6]
A01N 43/84	2-Punkt Untergruppe	. . six-membered rings with one nitrogen atom and either one oxygen atom or one sulfur atom in positions 1,4 [3]
A01N 43/86	2-Punkt Untergruppe	. . six-membered rings with one nitrogen atom and either one oxygen atom or one sulfur atom in positions 1,3 [3]
A01N 43/88	2-Punkt Untergruppe	. . six-membered rings with three ring hetero atoms [3]
A01N 43/90	1-Punkt Untergruppe	. having two or more relevant hetero rings, condensed among themselves or with a common carbocyclic ring system [3]
A01N 43/92	1-Punkt Untergruppe	. having rings with one or more halogen atoms as ring hetero atoms [3]
A01N 45/00	Hauptgruppe	Biocides, pest repellants or attractants, or plant growth regulators containing compounds having three or more carbocyclic rings condensed among themselves, at least one ring not being a six-membered ring (halogenated hydrocarbons A01N 29/08; condensed with heterocyclic rings A01N 43/00) [3]
A01N 45/02	1-Punkt Untergruppe	. having three carbocyclic rings [3]
A01N 47/00	Hauptgruppe	Biocides, pest repellants or attractants, or plant growth regulators containing organic compounds containing a carbon atom not being member of a ring and having no bond to a carbon or hydrogen atom, e.g. derivatives of carbonic acid (carbon tetrahalides A01N 29/02) [3]
A01N 47/02	1-Punkt Untergruppe	. the carbon atom having no bond to a nitrogen atom [3]
A01N 47/04	2-Punkt Untergruppe	. . containing $\begin{array}{c} \diagup \\ \text{N-S-C}\equiv\text{Hal}_3 \\ \diagdown \end{array}$ groups [3]
A01N 47/06	2-Punkt Untergruppe	. . containing —O—CO—O— groups; Thio-analogues thereof [3]
A01N 47/08	1-Punkt Untergruppe	. the carbon atom having one or more single bonds to nitrogen atoms [3]
A01N 47/10	2-Punkt Untergruppe	. . Carbamic acid derivatives, i.e. containing the group —O—CO—N $\begin{array}{c} \diagup \\ \diagdown \end{array}$; Thio-analogues thereof [3]
A01N 47/12	3-Punkt Untergruppe	. . . containing a —O—CO—N $\begin{array}{c} \diagup \\ \diagdown \end{array}$ group, or a thio-analogue thereof, neither directly attached to a ring nor the nitrogen atom being a member of a heterocyclic ring [3]
A01N 47/14	4-Punkt Untergruppe Di-thio-analogues thereof [3]
A01N 47/16	3-Punkt Untergruppe	. . . the nitrogen atom being part of a heterocyclic ring [3]
A01N 47/18	3-Punkt Untergruppe	. . . containing a —O—CO—N $\begin{array}{c} \diagup \\ \diagdown \end{array}$ group, or a thio-analogue thereof, directly attached to a heterocyclic or cycloaliphatic ring [3]
A01N 47/20	3-Punkt Untergruppe	. . . N-Aryl derivatives thereof [3]
A01N 47/22	3-Punkt Untergruppe	. . . O-Aryl or S-Aryl esters thereof [3]

Symbol	Typ	Titel
A01N 47/24	3-Punkt Untergruppe	$\dots \overset{\cdot\cdot\cdot}{\underset{\cdot\cdot\cdot}{X}} - O - CO - NK$ <p>... containing the groups</p> $- O - CO - \overset{\cdot\cdot\cdot}{\underset{\cdot\cdot\cdot}{N}} - \overset{\cdot\cdot\cdot}{\underset{\cdot\cdot\cdot}{X}} \dots \quad \text{or} \quad \dots \overset{\cdot\cdot\cdot}{\underset{\cdot\cdot\cdot}{X}} - \overset{\cdot\cdot\cdot}{\underset{\cdot\cdot\cdot}{S}} - CO - NK$ <p>thereof [3] ; Thio-analogues</p>
A01N 47/26	3-Punkt Untergruppe	... Oxidation products of dithiocarbamic acid derivatives, e.g. thiuram sulfides [3]
A01N 47/28	2-Punkt Untergruppe	... Ureas or thioureas containing the groups $\begin{array}{c} \diagup \\ N-CO-N \\ \diagdown \end{array}$ or $\begin{array}{c} \diagup \\ N-CS-N \\ \diagdown \end{array}$ (isoureas, isothioureas A01N 47/42) [3]
A01N 47/30	3-Punkt Untergruppe	... Derivatives containing the group $\begin{array}{c} \diagup \\ N-CO-N-aryl \\ \diagdown \end{array}$ or $\begin{array}{c} \diagup \\ N-CS-N-aryl \\ \diagdown \end{array}$ [3]
A01N 47/32	3-Punkt Untergruppe	... containing $\begin{array}{c} \diagup \\ N-CO-N \\ \diagdown \end{array}$ or $\begin{array}{c} \diagup \\ N-CS-N \\ \diagdown \end{array}$ groups directly attached to a cycloaliphatic ring [3]
A01N 47/34	3-Punkt Untergruppe	$\begin{array}{c} \\ >N-CO-N-CO- \\ \end{array},$ $\begin{array}{c} \\ >N-CO-N-\overset{\cdot\cdot\cdot}{\underset{\cdot\cdot\cdot}{C}}-O- \\ \end{array}, \quad \begin{array}{c} \cdot\cdot\cdot \\ \\ >N-CO-N=\overset{\cdot\cdot\cdot}{S} \dots \\ \end{array},$ $\begin{array}{c} \cdot\cdot\cdot \\ \\ >N-CO-N=\overset{\cdot\cdot\cdot}{N}- \\ \end{array} \quad \text{or} \quad \begin{array}{c} \cdot\cdot\cdot \\ \\ >N-CO-N-\overset{\cdot\cdot\cdot}{\underset{\cdot\cdot\cdot}{C}}-NK \\ \end{array}, \quad \text{e.g. biuret; Thio-analogues thereof; Urea-aldehyde condensation products [3]}$
A01N 47/36	3-Punkt Untergruppe	... containing the group $\begin{array}{c} \diagup \\ N-CO-N \\ \diagdown \end{array}$ directly attached to at least one heterocyclic ring; Thio-analogues thereof [3]
A01N 47/38	3-Punkt Untergruppe	... containing the group $\begin{array}{c} \diagup \\ N-CO-N \\ \diagdown \end{array}$ where at least one nitrogen atom is part of a heterocyclic ring; Thio-analogues thereof [3]
A01N 47/40	1-Punkt Untergruppe	... the carbon atom having a double or triple bond to nitrogen, e.g. cyanates, cyanamides (inorganic cyanamides A01N 59/24) [3]
A01N 47/42	2-Punkt Untergruppe	... containing $-N=CX_2$ groups, e.g. isothiurea [3]
A01N 47/44	3-Punkt Untergruppe	... Guanidine; Derivatives thereof [3]
A01N 47/46	2-Punkt Untergruppe	... containing $-N=C=S$ groups [3]
A01N 47/48	2-Punkt Untergruppe	... containing $-S-C\equiv N$ groups (A01N 43/00-A01N 47/38 take precedence) [3]
A01N 49/00	Hauptgruppe	<p>Biocides, pest repellants or attractants, or plant growth regulators containing compounds</p> $\begin{array}{c} C \\ \\ \text{::}[C_n]\text{::}C^* - C^* - C^* \text{::}C^* \text{::}[C_m]\text{::} \\ \quad \\ X \quad X \end{array}$ <p>containing the group wherein $m+n \geq 1$, both X together may also mean $-Y-$ or a direct carbon-to-carbon bond, and the carbon atoms marked with an asterisk are not part of any ring system other than that which may be formed by the atoms X, the carbon atoms in square brackets being part of any acyclic or cyclic structure, or</p>

Symbol	Typ	Titel
		 <p>the group wherein A means a carbon atom or Y, n >= 0, and not more than one of these carbon atoms being a member of the same ring system, e.g. juvenile insect hormones or mimics thereof (containing hydrocarbons A01N 27/00) [3]</p>
A01N 51/00	Hauptgruppe	Biocides, pest repellants or attractants, or plant growth regulators containing organic compounds having the sequences of atoms O—N—S, X—O—S, N—N—S, O—N—N or O—halogen, regardless of the number of bonds each atom has and with no atom of these sequences forming part of a heterocyclic ring [3]
A01N 53/00	Hauptgruppe	Biocides, pest repellants or attractants, or plant growth regulators containing cyclopropane carboxylic acids or derivatives thereof [3]
A01N 53/02	1-Punkt Untergruppe	 <p>. Esters containing the group , wherein the carbon atom marked with an asterisk is acyclic or part of a ring or ring system; Thio-analogues thereof [6]</p>
A01N 53/04	2-Punkt Untergruppe	. . having heterocyclic rings [6]
A01N 53/06	2-Punkt Untergruppe	. . the carbon atom marked with an asterisk being acyclic and directly bound to a carbon atom of a six-membered aromatic ring, e.g. benzyl esters; Thio-analogues thereof [6]
A01N 53/08	3-Punkt Untergruppe	. . . with aryloxy groups bound to the six-membered aromatic ring, e.g. phenoxybenzyl esters; Thio-analogues thereof [6]
A01N 53/10	2-Punkt Untergruppe	. . Esters not provided for in groups A01N 53/04 or A01N 53/06 [6]
A01N 53/12	1-Punkt Untergruppe	 <p>. Compounds containing the group , X or Y being a nitrogen atom, e.g. cyclopropane carboxylic acid amides [6]</p>
A01N 53/14	1-Punkt Untergruppe	. Cyclopropane carboxylic acid nitriles [6]
A01N 55/00	Hauptgruppe	Biocides, pest repellants or attractants, or plant growth regulators containing organic compounds containing elements other than carbon, hydrogen, halogen, oxygen, nitrogen and sulfur (containing organo-phosphorus compounds A01N 57/00) [3]
A01N 55/02	1-Punkt Untergruppe	. containing metal atoms [3]
A01N 55/04	2-Punkt Untergruppe	. . Tin [3]
A01N 55/06	2-Punkt Untergruppe	. . Mercury [3]
A01N 55/08	1-Punkt Untergruppe	. containing boron [3]
A01N 55/10	1-Punkt Untergruppe	. containing silicon [6]
A01N 57/00	Hauptgruppe	Biocides, pest repellants or attractants, or plant growth regulators containing organic phosphorus compounds [3]
A01N 57/02	1-Punkt Untergruppe	. having alternatively specified atoms bound to the phosphorus atom and not covered by a single one of groups A01N 57/10, A01N 57/18, A01N 57/26, A01N 57/34 [3]

Symbol	Typ	Titel
A01N 57/04	2-Punkt Untergruppe	. . containing acyclic or cycloaliphatic radicals [3]
A01N 57/06	2-Punkt Untergruppe	. . containing aromatic radicals [3]
A01N 57/08	2-Punkt Untergruppe	. . containing heterocyclic radicals [3]
A01N 57/10	1-Punkt Untergruppe	. having phosphorus-to-oxygen bonds or phosphorus-to-sulfur bonds (A01N 57/02 takes precedence) [3]
A01N 57/12	2-Punkt Untergruppe	. . containing acyclic or cycloaliphatic radicals [3]
A01N 57/14	2-Punkt Untergruppe	. . containing aromatic radicals [3]
A01N 57/16	2-Punkt Untergruppe	. . containing heterocyclic radicals [3]
A01N 57/18	1-Punkt Untergruppe	. having phosphorus-to-carbon bonds (A01N 57/02 takes precedence) [3]
A01N 57/20	2-Punkt Untergruppe	. . containing acyclic or cycloaliphatic radicals [3]
A01N 57/22	2-Punkt Untergruppe	. . containing aromatic radicals [3]
A01N 57/24	2-Punkt Untergruppe	. . containing heterocyclic radicals [3]
A01N 57/26	1-Punkt Untergruppe	. having phosphorus-to-nitrogen bonds (A01N 57/02 takes precedence) [3]
A01N 57/28	2-Punkt Untergruppe	. . containing acyclic or cycloaliphatic radicals [3]
A01N 57/30	2-Punkt Untergruppe	. . containing aromatic radicals [3]
A01N 57/32	2-Punkt Untergruppe	. . containing heterocyclic radicals [3]
A01N 57/34	1-Punkt Untergruppe	. having phosphorus-to-halogen bonds; Phosphonium salts [3]
A01N 57/36	1-Punkt Untergruppe	. having phosphorus as a ring member [3]
A01N 59/00	Hauptgruppe	Biocides, pest repellants or attractants, or plant growth regulators containing elements or inorganic compounds [3]
A01N 59/02	1-Punkt Untergruppe	. Sulfur; Selenium; Tellurium; Compounds thereof [3]
A01N 59/04	1-Punkt Untergruppe	. Carbon disulfide; Carbon monoxide; Carbon dioxide (treatment of plants with carbon dioxide A01G 7/02) [3]
A01N 59/06	1-Punkt Untergruppe	. Aluminium; Calcium; Magnesium; Compounds thereof [3]
A01N 59/08	1-Punkt Untergruppe	. Alkali metal chlorides; Alkaline earth metal chlorides [3]
A01N 59/10	1-Punkt Untergruppe	. Fluorides [3]
A01N 59/12	1-Punkt Untergruppe	. Iodine, e.g. iodophors; Compounds thereof [3]
A01N 59/14	1-Punkt Untergruppe	. Boron; Compounds thereof [3]
A01N 59/16	1-Punkt Untergruppe	. Heavy metals; Compounds thereof [3]
A01N 59/18	2-Punkt Untergruppe	. . Mercury [3]
A01N 59/20	2-Punkt Untergruppe	. . Copper [3]
A01N 59/22	2-Punkt Untergruppe	. . Arsenic [3]
A01N 59/24	1-Punkt Untergruppe	. Cyanogen or compounds thereof, e.g. hydrogen cyanide, cyanic acid, cyanamide, thiocyanic acid [3]
A01N 59/26	1-Punkt Untergruppe	. Phosphorus; Compounds thereof [3]
A01N 61/00	Hauptgruppe	Biocides, pest repellants or attractants, or plant growth regulators containing substances of unknown or undetermined composition, e.g. substances characterised only by the mode of action

Symbol	Typ	Titel
		[3]
A01N 61/02	1-Punkt Untergruppe	. Mineral oils; Tar oils; Tar; Distillates, extracts or conversion products thereof (containing single chemical compounds isolated from these materials A01N 27/00-A01N 59/00) [3]
A01N 63/00	Hauptgruppe	Biocides, pest repellants or attractants, or plant growth regulators containing micro-organisms, viruses, microbial fungi, enzymes, fermentates or substances produced by, or extracted from, micro-organisms or animal material (containing compounds of determined constitution A01N 27/00-A01N 59/00) [3]
A01N 63/02	1-Punkt Untergruppe	. Fermentates or substances produced by, or extracted from, micro-organisms or animal material [3]
A01N 63/04	1-Punkt Untergruppe	. Microbial fungi or extracts thereof [3]
A01N 65/00	Hauptgruppe	Biocides, pest repellants or attractants, or plant growth regulators containing plant material, e.g. mushrooms, derris root, or extracts thereof (containing compounds of determined constitution A01N 27/00-A01N 59/00) [3]
A01N 65/02	1-Punkt Untergruppe	. Preparations from tobacco plants [3]