

Search history

Search 1: FT=(CARTRIDGE~ AND FILTER~ AND LIQUID~ AND CAPSULE~ AND COFFE~) (Results 1379)

Title:

Priority:

Family:

Probable Assignee:

Assignee(s):(std):

International class

(IPC 8-9):

CPC:

European class:

[Classification Explorer](#)

Forward Citations:

Improvements in or relating to infusers

GB19250031496 19251214

Publication number

Publication date

Application number

Application date

GB271124 A

19270516

GB19250031496

19251214

REGINALD AUBREY FESSENDEN

REGINALD AUBREY FESSENDEN

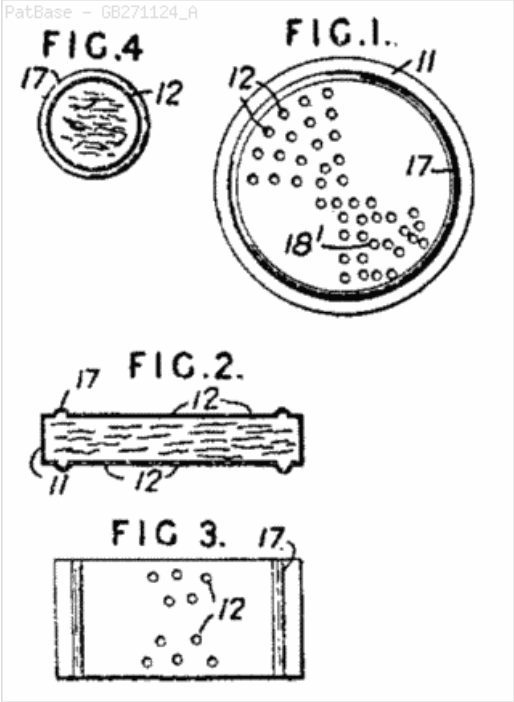
B65D81/00 B65D85/804 (Advanced/Invention);
B65D81/00 B65D85/804 (Core/Invention)

B65D85/8043

B65D81/00B3 B65D85/804B

WO10118543, US9730544, US9375111, GB2199480, GB2199480, CN102405179,

Abstract:
271,124. Fessenden, R. A. Dec. 14, 1925. Infusers; tea preparations.-An infuser for individual portions of tea, **coffee**, and #38;#38;c., constructed so as to be practically non-refillable, has one of its linear dimension at least eight times as great as another linear dimension. The infuser is preferably made of thin impervious elastically-deformable material, such as metal, and may be perforated on the side or sides of greatest dimension. In one form, Figs. 1 and 2, the infuser 11, preferably of aluminium, has perforations 12, which may be in the form of signs or letters 18 and #38;#60;1 and #62;. Corrugations 17 allow the infuser to become deformed on use, preventing reuse. The perforations may be sealed before use by dipping in melted sugar, gelatinous material from tea stalks, and #38;#38;c., chocolate, condensed milk, and #38;#38;c., which is then dried or cooled. The infusers may be built into column form and wrapped in aluminium or lead foil packages. The perforations may be round, square, triangular or slotshaped, and may be made just before use by means of tongs or rollers having perforated points, the tea or roasted **coffee** being hermetically sealed in the infuser when holding its maximum of flavour. In other forms, the infusers are rectangular, Fig. 3, or tubular, Fig. 4, in shape. The tea in the infusers may be medicated by addition of carbonate or phosphate of soda, Glauber's salts, or other alkaline salts. or flavouring materials, the infuser being made of nickel foil, though aluminium may be used if it is kept dry until the infusion. The infusers preferably have their edges sealed, and where used with cups have the largest dimension smaller than that of the cup, so that they will not project therefrom.



Title: BEVERAGE APPARATUS
Priority: US19400360570 19401010
Family:

Publication number	Publication date	Application number	Application date
US2283967 A	19420526	US19400360570	19401010

Probable Assignee: BROWN WILLIAM F

Assignee(s):(std): BROWN WILLIAM F

Inventor(s):(std): BROWN WILLIAM F

International class
(IPC 8-9): A47J31/36 A47J31/40 (Advanced/Invention);
A47J31/24 A47J31/40 (Core/Invention)

International class
(IPC 1-7): A47J31/40

CPC: A47J31/3633 A47J31/3638

European class: A47J31/36A4D A47J31/36A4F A47J31/40B A47J31/40H

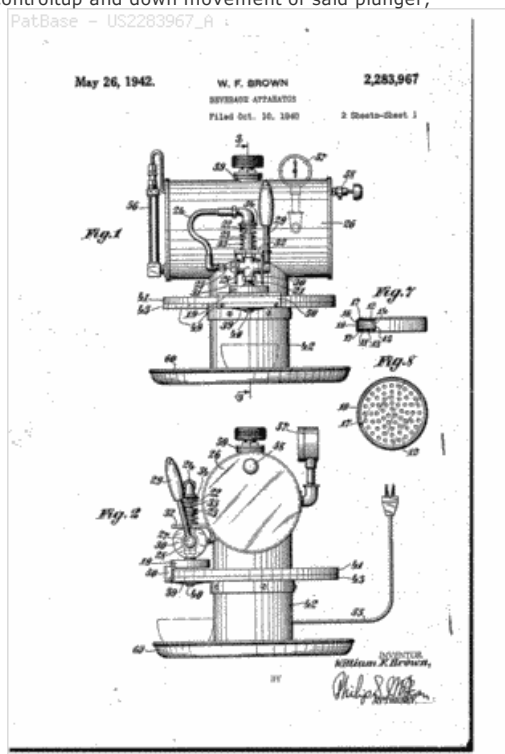
US class: 99/289R 99/295 99/302R

[Classification Explorer](#)

Forward Citations: US8770096, US8555774, US8375845, US8127663, US8012523, US7987768, US7472643, US7444926, US6799503, US6725762, US3292527, US3086447, US3046869, US2939380, US2935010, US2899886, US2887038, US2783704, US2745335, US2615384, US2529395, US2484054, US2451195, US2011132199, US2009282987, US2009223377, US2009050623, US2008302123, US2008245238, US2006169150, US2006144242, US2005056153, US2004255790, US2003089245, US2003056655, EP1676508, EP1676508, DE1293977, DE1196831,

Abstract:

1. Beverage infusion apparatus, comprising in combination, a supporting column, a boiler mounted on the top of said column, a carrier ring rotatably confined on the column below said boiler, said ring having openings extending therethrough, beverage cartridges of a size and shape to fit said openings and having perforate upper and lower walls and imperforate rim portions, a perforate support for said cartridges at one point in the rotary movement of said carrier ring, a vertically operating tubular plunger above said perforate support and engageable over the top of a cartridge in the carrier over said perforate support. liquid supply connections from said boiler to said tubular plunger, a rotary valve controlling flow through said tubular plunger and a means operable by said rotary valve to control up and down movement of said plunger,



Title: KAFFEEBRUEHVORRICHTUNG Coffee brewing (Machine translation)

Priority: 19520722

Family:	Publication number	Publication date	Application number	Application date
	CH314603 A	19560630		19530714

Probable Assignee: PATZNER HUGO

Assignee(s):(std): PATZNER HUGO

Inventor(s):(std): HUGO PATZNER

Inventor(s): PATZNER HUGO

International class A47J31/30 (Advanced/Invention);
(IPC 8-9): A47J31/24 (Core/Invention)

International class A47J31/057
(IPC 1-7):

CPC: A47J31/30

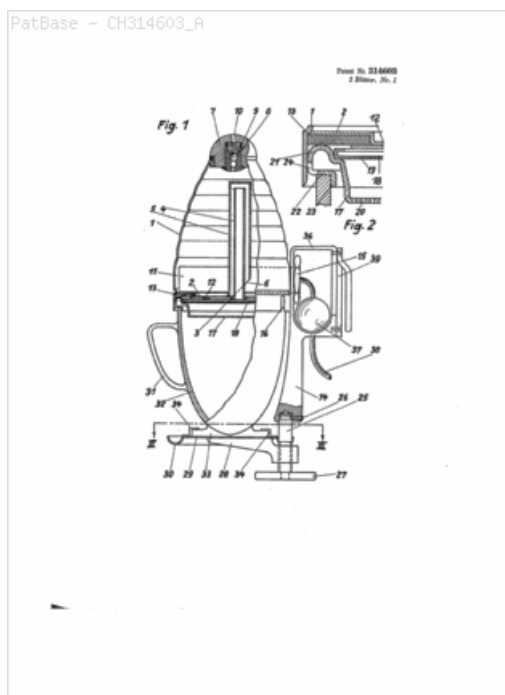
European class: A47J31/30

[Classification Explorer](#)

Abstract:

Source: CH314603A [DE] (Claim 1) 1. Bruehvorrichtung gemaess Patentansplueh, dadurch gekennzeichnet, dass der Wasserbe-
laelter an einem Halter befestigt ist, an wel che 1n unterhalb des Behaelters ein durch Dre- hen eines Gewindestiftes heb- und
senkbarer Traeger fuer das Trinkgefaess angebracht ist. z.

Machine translation: (claim 1) 1 According Patentansplueh brewing device, characterized in that the water treat-
laelter is attached to a holder, to wel che 1n below the container through a threaded pin-Tur ning raised and lowered carrier for the
Trinkgefaess attached. such



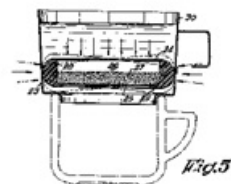
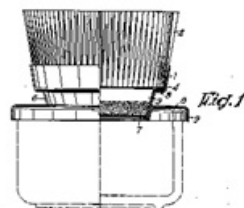
Title: Packing-filters and device for using such packing-filters**Priority:** BE19610610482 19611120 BE19640043565 19640421 BE19640646822 19640421
BE19640043566 19640421 BE19640043567 19640421 BE19640646823 19640421
BE19640646824 19640421 BE19640650055 19640703 BE19640650056 19640703
BE19650661534 19650324 BE19650044430 19650324 BE19650661905 19650401
BE19650044450 19650401

Family:	Publication number	Publication date	Application number	Application date
	AT266377 B	19681111	AT19650003497	19650415
	AT277500 B	19691229	AT19650003496	19650415
	BE610482 A	00000000		19611120
	BE646822 A	19640817		19640421
	BE646823 A	19640817		19640421
	BE646824 A	19640817		19640421
	BE650055 A	19641103	BE19640650055	19640703
	BE650056 A	19641103	BE19640650056	19640703
	BE661905 A	19650802	BE19650661905	19650401
	CH436614 A	19670531	CH19650005104	19650412
	DE1429942 A1	19681128	DE19621429942	19621117
	DE1579396 A1	19700813	DE19651579396	19650417
	DE1786546 A1	19730524	DE19651786546	19650417
	DE1786546 B2	19750116	DE19651786546	19650417
	DE1786546 C3	19750821	DE19651786546	19650417
	DE1924553 U	19650930	DE1965M051421U	19650417
	DK121972 B	19711227	DK19650001998	19650420
	ES312069 A1	19660201	ES19650312069	19650421
	ES317019 A1	19651201	ES19650317019	19650901
	FI45151 B	19711130	FI19650000952	19650421
	FI45151 C	19720310	FI19650000952	19650421
	FI45275 B	19711231	FI19650000953	19650421
	FI45275 C	19720410	FI19650000953	19650421
	FR1506263 A	19671222	FR19650013688	19650416
	GB1064010 A	19670405	GB19650016295	19650415
	GB1064342 A	19670405	GB19650016294	19650415
	LU48412 A	19650616	LU19650048412	19650416
	NL6504834 A	19651022	NL19650004834	19650415
	NO117706 B	19690915	NO19650157677	19650413
	NO119372 B	19700511	NO19650157678	19650413
	SE309559 B	19690324	SE19650005102	19650420
	SE325226 B	19700622	SE19650005101	19650420
	US3389650 A	19680625	US19650448184	19650414

Probable Assignee: MIKO PVBA FA**Assignee(s):(std):** MIKO P ; MIKO PVBA ; MIKO PV FA ; MIKO PVBA FA**Assignee(s):** MIKO P V B A ; FA MIKO PV ; FA MIKO PVBA ; M I K O P V B A ; M I K O P V B A TURNHOUT BELGIEN**Inventor(s):(std):** FRANCISCUS MICHIELSEN ; HAUPTS RUDOLF ; MARIA MICHIELSEN FRANCISCUS ; MICHIELSEN F ; MICHIELSEN FRANCISCUS ; MICHIELSEN FRANCISCUS MARIA ; FRANCISCUS MARIA MICHIELSEN**Inventor(s):** FRANCISCUS MARIA MICHIELSEN FABRIKANT ; MICHIELSEN FRANCISCUS MARIA TURNHOUT BELGIEN**International class (IPC 8-9):** A47J31/02 A47J31/06 B65D81/00 B65D81/34 B65D85/804 (Advanced/Invention);
A47J31/06 (Advanced/Non-invention);
A47J31/02 A47J31/06 B65D81/00 B65D81/34 B65D85/804 (Core/Invention);
A47J31/06 (Core/Non-invention);
A47L (Subclass/Invention)**International class (IPC 1-7):** A47G19/16 A47J31/00 A47J31/02 A47J31/06 A47J31/08 A47L B65D81/34**CPC:** A47J31/02 B65D85/8043 A47J31/00 A47J31/0642**European class:** A47J31/00 A47J31/02 A47J31/06L B65D81/00B3 B65D85/804B**US class:** 426/433 99/295[Classification Explorer](#)**Cited documents:** US3083101 A, US3030874 A, US2936695 A, US2859878 A, US2743664 A, US2630227 A, US2358556 A, US2234397 A, US1953291 A, US1876474 A,**Forward Citations:** USD560430, USD542088, US9676546, US8784922, US8003146, US7770512, US7311037, US7258884, US7081263, US5652008, US5637335, US5633026, US5393548, US5298267, US5108768, US4995310, US4983410, US4921712, US4867993, US4860645, US4550024, US4446158, US4417504, US3985069, US3823656, US3811373, US3795182, US3767420, US3589272, US2009199722, US2005051478, JP51128682, JP51128681, JP51064285, JP51018780, JP50002677, FR2563424, EP1997748, EP0271126, EP0226260, EP0224297, EP0114717, EP0094368, DE4301157, DE3432339, DE3413654,**Abstract:**

1,064,010. Apparatus for making **coffee** or the like. MIKO P.V.B.A. April 15, 1965 [April 21, 1964 (2); March 24, 1965; April 1, 1965], No. 16295/65. Heading A4D. [Also in, Division B8] A **cartridge** (18) (Fig. 3, not shown) or (23) (Fig. 5, not shown) in which ground **coffee** or similar material is enclosed between upper and lower **filter** discs, is sealed by the pressure of water poured into a vessel containing the **cartridge** and integral either with the **cartridge** or with a support by means of which the device is supported on a suitable receptacle. The vessel may have weak pleated walls (2) (Fig. 1, not shown) integral with the **cartridge** and supported by an outer wall (1) integral with the support 8 by which the device is supported on a cup. Alternatively the vessel (30) (Fig. 5, not shown) may be integral with the support, and the **cartridge** formed with resilient walls 28 which jam against the walls of the vessel. In still a further embodiment portions (19) (Fig. 4, not shown) of the **cartridge** engage the walls of the vessel (11) which is integral with the support (14). The vessel may be bottomless or have a perforated bottom. The walls of the **cartridge** may be translucent or transparent.

June 25, 1968 F. MICHELSEN 3,389,650
PACKING-FILTERS AND DEVICE FOR USING SUCH PACKING-FILTERS
Filed April 14, 1968 2 Sheets-Sheet 1



INVENTOR
F. M. Michelsen
BY
Richards & Gier
ATTORNEYS

Title: PERFECTIONNEMENTS AUX CAFETIERES IMPROVEMENTS TO COFFEE MAKERS (Machine translation)

Priority: FR19646944324 19640102

Family:	Publication number	Publication date	Application number	Application date
	FR1391817 A	19650312	FR19640044324	19640102

Inventor(s):(std): CHAMBON JOSEPH

International class
(IPC 8-9): A47J31/043 (Advanced/Invention);
A47J31/04 (Core/Invention)

International class
(IPC 1-7): A47J31/36

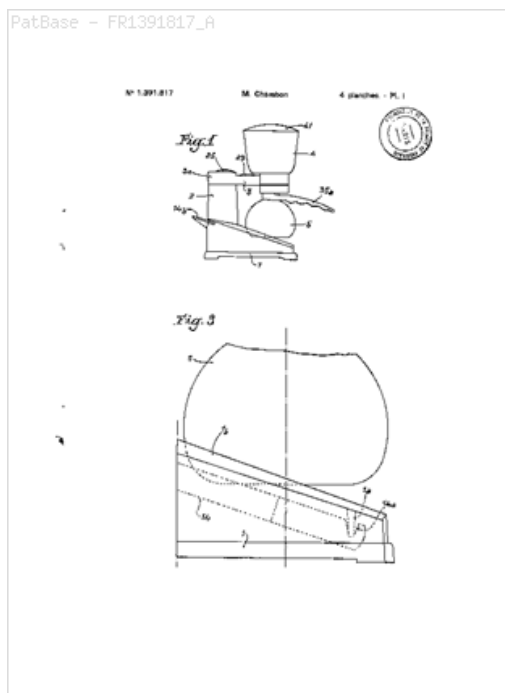
CPC: A47J31/043

European class: A47J31/043

[Classification Explorer](#)

Abstract:

Source: FR1391817A [FR] 1. Elle comporte un indicateur manometrique permettant a l'operateur d'etablir la depression exacte desiree, sans aucun risque que celleci ne soit insuffisante ou trop forte; **Machine translation:** 1. It includes an indicator for MANOMETRIC to the operator to establish the exact Desired depression without any risk that the hearing will be insufficient or too strong;



Title: PROCEDES DE FILTRATION, DE NEUTRALISATION ET D'AROMATISATION DES GAZ ET FUMEEES
PROCESS FILTRATION, NEUTRALIZATION AND GAS AND SMOKE AROMATISATION (Machine translation)

Priority: FR19590809046 19591102

Publication number	Publication date	Application number	Application date
 FR1459706 A	19660617	FR19590809046	19591102

Inventor(s):(std): BLANCHARD FRANCOIS JULES MARCE

Inventor(s): BLANCHARD FRANCOIS JULES MARCEL

International class B01D46/00 (Advanced/Invention);
(IPC 8-9): B01D46/00 (Core/Invention)

International class B01D53/00
(IPC 1-7):

CPC: B01D46/00

European class: B01D46/00

[Classification Explorer](#)

Abstract:

Source: FR1459706A [FR] (Claim 1) **ATTENTION** debut du champ CLMS peut contenir fin de DESC **. mais alors, dans ce cas, de faible densite.

Machine translation: (Claim 1) ** WARNING ** start of CLMS field may contain ** end of DESC . but then, in this case, low density.

Title:	SINGLE-USE COFFEE FILTERS		
Priority:	BE19720051859 19720426	BE19720782645 19720426	
Family:	Publication number	Publication date	Application number

Family:	Publication number	Publication date	Application number	Application date
	BE782645 A	19720816	BE19720782645	19720426
	CA958680 A1	19741203	CA19720153158	19721003
	FR2182167 A1	19731207	FR19730015229	19730426
	FR2182167 B1	19761112	FR19730015229	19730426
	US3823656 A	19740716	US19720289933	19720918

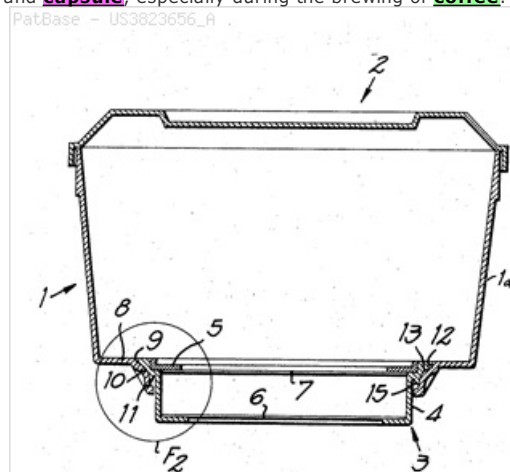
Probable Assignee:	VEKEN GERMAINE V D
Assignee(s):(std):	VANDERVEKEN GERMAINE ; VEKEN G ; VEKEN GERMAINE V D
Assignee(s):	VEKEN GERMAINE VRIJHEIDSLAAN 171 1080 BRUSSEL VAN D ; VEKEN G BE ; VAN DER VEKEN GERMAINE ; VAN DER VEKEN GERMAINE BE ; VAN DER VEKEN GERMAINE VRIJHEIDSLAAN 171 ; VAN DER VEKEN GERMAINE VRIJHEIDSLAAN 171 1080 BRUSSEL
Inventor(s):(std):	VANDERVEKEN GERMAINE ; VEKEN G
Inventor(s):	VEKEN G BE
International class (IPC 8-9):	A47J31/02 A47J31/06 A47J31/08 A47J31/10 B65D81/00 (Advanced/Invention); A47J31/02 A47J31/06 A47J31/10 B65D81/00 (Core/Invention)
International class (IPC 1-7):	A47J31/06 A47J31/10 B65D81/00
CPC:	A47J31/02 A47J31/0642 B65D85/8043
European class:	A47J31/02 A47J31/06C A47J31/06L A47J31/08 B65D81/00B3 B65D85/804B
US class:	426/433 426/77 99/295 99/306

Classification Explorer

Cited documents:	US3695168 A, US3389650 A, US3361052 A, US3139344 A, US1763863 A, US1544674 A,
Forward Citations:	WO03092397, USD757536, USD743786, USD743252, USD708057, USD703039, USD697797, USD695111, USD694620, USD675867, USD670540, USD670539, USD560430, USD542088, USD506926, US9932168, US9828153, US9676546, US9669992, US94518037, US9290317, US9155420, US9114902, US9113654, US9101163, US8852659, US8784922, US8771768, US8522668, US8505440, US8479644, US8399035, US8327754, US8168247, US8087347, US8033211, US8003146, US7987768, US7964230, US7947316, US7921766, US7910145, US7770512, US7673558, US7540232, US7311037, US7258884, US7213506, US7081263, US6948420, US6869627, US6810788, US6786134, US6758130, US5897899, US5649412, US5637335, US5398596, US5249509, US5242702, US5197374, US5178058, US5082676, US5036755, US5012629, US4996066, US4983410, US4921712, US4867993, US4550024, US4487114, US4446158, US3943058, US3935112, US2011182690, US2011064852, US2011000378, US2010247714, US2010107885, US2010078446, US2010034943, US2009317518, US2009242070, US2008299262, US2008057171, US2008038441, US2008028948, US20077181005, US2007175334, US2007163446, US2007157821, US20070000390, US2006180030, US2005241489, US2005188854, US2005183581, US2005166764, US2005153037, US2005095158, US2005016383, US2004255790, US2004180123, US2003222089, US2003207008, US2002088807, FR2563427, EP1648274, EP4608080, EP3998530, CN10398524, EP0226260, EP0114717, DE3432339, CN105683063, CN105683063.

Abstract:

A single-use throw-away **coffee filter** comprising a water receiving **filtering** body having a bottom which is substantially constituted by a **cartridge** or **capsule** containing **coffee** and a **filter** element, the improvement comprising means to provide a sealing fit and to prevent relative movement between the **filtering** body and **capsule**, especially during the brewing of **coffee**.



Title: FILTERGERAET, INSBESONDERE KAFFEEFILTER FILTERGERAET, INCLUDING COFFEE FILTER (Machine translation)

Priority: DE19712137040 19710723

Publication number	Publication date	Application number	Application date
DE2137040 A1	19730208	DE19712137040	19710723

Probable Assignee: SCHMIDT SEN HANS C

Assignee(s):(std): SCHMIDT SEN HANS C

Assignee(s): SCHMIDT SEN HANS C 2800 BREMEN

Inventor(s):(std): SCHMIDT SEN HANS C

Inventor(s): SCHMIDT SEN HANS C 2800 BREMEN ; SCHMIDT SEN

International class A47J31/06 (Advanced/Invention);

(IPC 8-9): A47J31/06 (Core/Invention)

International class A47J31/06

(IPC 1-7):

CPC: A47J31/0621

European class: A47J31/06F

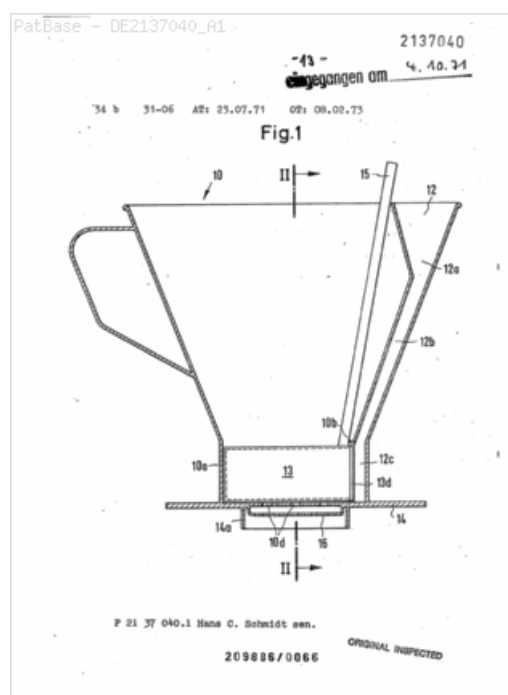
[Classification Explorer](#)

Forward Citations: USRE34482, USD450522, US6276262,

Abstract:

Source: DE2137040A1 [DE] PATENTANSPRACHE Filtergeraet, insbesondere Kaffeefilter, bestehend aus einem Filtergefaess mit im Boden angeordneten Ablauf- loechern und mit einer in das Filtergefaess eingesetzten Filterkapsel, dadurch gekennzeichnet, dass die Filterkapsel (13) als Absperrrorgan fuer die Ablaufloecher (10d) des Filtergefaesses (10) ausgebildet ist und mit einer Handhabe (15) versehen ist, mit deren Hilfe sie wahlweise in eine den Ablauf des Filtergefaesses (10) absperrende und in eine den Ablauf freigebende Lage bewegbar ist 2.

Machine translation: PATENTANSPRACHE Filtergeraet, particularly coffee filter, existing holes drain from a Filtergefaess with arranged in the bottom and one in the Filtergefaess filters used capsule, wherein the filter capsule (13) for a shut-off the Ablaufloecher (10d) of the Filtergefaesses (10) is formed, and with a handle (15) is provided, enabling them either in the course of one Filtergefaesses (10) shuts off the drain and into a releasing position is movable second



Title: Combating pests with N-sulphenylated oxime-carbamates
Priority: DE19762613167 19760327 DE19762635883 19760810 CA19770284347 19770809
Family:

Publication number	Publication date	Application number	Application date
AR216772 A1	19800131	AR19770268747	19770810
AT210677 A	19790415	AT19770002106	19770325
AT353552 B	19791126	AT19770002106	19770325
AT355869 B	19800325	AT19770005831	19770810
AT583177 A	19790815	AT19770005831	19770810
AU197723601 A1	19780928	AU19770023601	19770324
AU197727651 A1	19790208	AU19770027651	19770805
AU509935 B2	19800529	AU19770027651	19770805
BE852897 A	19770926	BE19770176134	19770325
BE857649 A	19780210	BE19770180049	19770810
BR7701885 A	19780208	BR19770001885	19770325
BR7705264 A	19780425	BR19770005264	19770809
CA1086748 A1	19800930	CA19770284347	19770809
CH629940 A	19820528	CH19770009764	19770809
CS191336 B2	19790629	CS19770001903	19770322
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JP53021161 A2	19780227	JP19770095192	19770810
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RO77295 P	19810622	RO19770097579	19770809
SE7703387 A	19770928	SE19770003387	19770324
SE7709008 A	19780211	SE19770009008	19770809
SE7709008 L	19780211	SE19770009008	19770809
SU736857 D	19800525	SU19772462916	19770323
TR19194 A	19780601	TR19770019194	19770810
TR19212 A	19780607	TR19770019212	19770325
US4359469 A	19821116	US19770819021	19770725
ZA7701811 A	19780222	ZA19770001811	19770825
ZA7704800 A	19780628	ZA19770004800	19770809

Probable Assignee: BAYER AG
Assignee(s):(std): BAYER TE LEVERKUSEN BAYERWERK AG ; BAYER AG
Assignee(s): BAYER AG DE ; BAYER AKTIENGESELLSCHAFT ; BAYER A G ; BAYER AKTIENGESELLSCHAFT TE LEVERKUSEN BAYERWERK B ; BAYER AKTIENGESELLSCHAFT TE LEVERKUSEN BAYERWERK BONDSREPUBLIC DUTSLAND ; HAMMAN INGEBORG ; STETTER J RG ; HOMEYER BERNHARD ; BAYER DE AG
Inventor(s):(std): B HOMEYER ; BERNHARD HOMEYER ; BERNKHARD KHOMAJER DT ; BERUNHARUTO HOOMAIERU ; BUIRUFURIITO DORABERU ; DR BERNHARD HOMEYER ; DR INGEBORG HAMMANN ; DR JOERG STETTER ; DRABER W ; DRABER WILFRIED DE ; HAMMAN INGEBORG ; HAMMANN INGEBORG ; HAMMANN INGEBORG DE ; HOMEYER BENHARD DE ; HOMEYER BERNHARD ; HOMEYER BERNHARD DE ; HONEYER BERNHARD DR ; I HAMMANN ; IERG SHTETTER DT ; IERUKU SHIYUTETSUTERU ; INGEBORG HAMMANN

; INGEBORG KHAMMANN DT ; INGEBORUKU HAMAN ; J STETTER ; JORG STETTER ; MEYER B ; STETTER JOERG ; STETTER JOERG DE ; STETTER JORG ; STETTER JORG DE ; VILFRID DRABER DT ; W DRABER ; WILFRIED DRABER ; STETTER JOERG DR ; STETTER J ; SHTETTER IERG ; KHOMAJER BERNKHARD ; KHAMMANN INGEBORG ; HOMEYER BERNHARD DR ; HOMEYER BENHARD ; HOMEYER B ; HAMMANN INGEBORG DR ; HAMMANN I ; DRABER WILFRIED DR ; DRABER WILFRIED ; DRABER VILFRID

Inventor(s): STETTER J RG

Agent(s): FETHERSTONHAUGH AND CO; REINHOLD COHN AND PARTNERS

International class
(IPC 8-9): A01N47/24 A01P5/00 A01P7/02 A01P7/04 C07D231/02 C07D231/12 C07D231/16 C07D231/20 C07D231/56 C07D233/56 C07D233/61 C07D233/95 C07D235/04 C07D235/06 C07D249/04 C07D249/08 C07D249/10 C07D249/12 C07D249/18 C07D521/00 C07F3/00 (Advanced/Invention); C07C271/60 C07D231/16 C07D231/18 C07D233/60 C07D233/68 C07D249/04 C07D249/08 (Advanced/Non-invention); A01N47/10 A01P5/00 A01P7/02 A01P7/04 C07D231/00 C07D233/00 C07D235/00 C07D249/00 C07D521/00 C07F3/00 (Core/Invention); C07C271/00 C07D231/00 C07D233/00 C07D249/00 (Core/Non-invention)

International class
(IPC 1-7): A01N47/24 A01N9/12 A01N9/20 A01N9/22 C07C131/00 C07D207/00 C07D231/00 C07D231/02 C07D231/10 C07D231/12 C07D231/16 C07D231/18 C07D231/20 C07D231/56 C07D233/00 C07D233/54 C07D233/56 C07D233/60 C07D233/61 C07D233/64 C07D233/66 C07D233/68 C07D233/70 C07D233/84 C07D233/92 C07D233/94 C07D233/95 C07D235/04 C07D235/06 C07D235/10 C07D235/14 C07D235/26 C07D235/28 C07D247/00 C07D249/00 C07D249/02 C07D249/04 C07D249/08 C07D249/10 C07D249/12 C07D249/14 C07D249/16 C07D249/18 C07D403/12

CPC: C07D231/12 C07D231/16 C07D233/56 C07D233/95 C07D235/06 C07D249/04 C07D249/08 C07D249/10 C07D249/12 C07D249/18 C07F3/003 A01N47/24

European class: A01N47/24 C07D231/12 C07D231/16 C07D233/56 C07D233/95 C07D235/06 C07D249/04 C07D249/08 C07D249/10 C07D249/12 C07D249/18 C07F3/00B

US class: 424/269 514/359 514/383 514/399 514/406 548/255 548/259 548/260 548/263.4 548/263.8 548/264.2 548/264.8 548/267.4 548/306.4 548/307.1 548/307.4 548/308.7 548/309.7 548/323.5 548/336.1 548/362.5 548/375.1

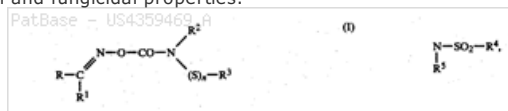
[Classification Explorer](#)

Cited documents: US4014915 A, US3897438 A, US3868385 A, US3823159 A, US3812142 A, US3394143 A, FR2220267 A1, FR2081416 A1,

Forward Citations: US4963062, US4828445, US4623655, US4612323, US4587239, US4582846, US4518605, US4489081, US4344953, US3391720, FR2379526, EP0158496, EP0094572, EP0090936, EP0044605, EP0031911, EP0006538, EP0005780, EP0005249, EP0005249, EP0004917,

Abstract:

N-Sulphenylated oxime-carbamates of the formula (I) in which R is alkyl or optionally substituted cycloalkyl, aryl or aralkyl, R1 is an optionally substituted N-containing heterocyclic radical or an alkyl or cycloalkyl radical substituted by an optionally substituted N-containing heterocyclic radical, R2 is alkyl, R3 is alkyl, halogenoalkyl, optionally substituted phenyl or alkoxy carbonyl, a radical identical to that to which the -(S)_n-R3 group is bonded, or R4 is alkyl, dialkylamino or optionally substituted phenyl, R5 is alkyl, and n is 1 or 2, and their salts, which possess arthropodocidal, nematocidal and fungicidal properties.



Title: 4,5-Dichloro-imidazole-1-carboxylic acid aryl esters and their use as plant protection agents

Priority: DE19762646143 19761013 US19770835092 19770921 CA19770288524 19771012
US19780948185 19781002 US19790023362 19790323 US19790034714 19790430

Family:	Publication number	Publication date	Application number	Application date
	AU197729660 A1	19790426	AU19770029660	19771013
	BE859628 A	19780412	BE19770181658	19771012
	BR7706802 A	19780704	BR19770006802	19771012
	CA1088552 A1	19801028	CA19770288524	19771012
	DD133513 C	19790110	DD19770201453	19771011
	DE2646143 A1	19780420	DE19762646143	19761013
	DK452377 A	19780414	DK19770004523	19771012
	ES463126 A1	19780701	ES19770463126	19771011
	FR2367753 A1	19780512	FR19770030724	19771012
	FR2367753 B1	19810724	FR19770030724	19771012
	GB1576510 A	19801008	GB19770042080	19771010
	IL53087 A0	19771230	IL19770053087	19771010
	JP53050162 A2	19780508	JP19770121937	19771013
	NL7711208 A	19780417	NL19770011208	19771012
	PL103685 B	19790731		00000000
	PL103685 B1	19790731	PL19770201464	19771012
	PL201464 O	19780619	PL19770201464	19771012
	PT67150 A	19771101	PT19770067150	19771012
	PT67150 B	19790319	PT19770067150	19771012
	SE7711481 A	19780414	SE19770011481	19771012
	SU667110 D	19790605	SU19772528103	19771005
	SU667110 T	19790605	SU19772528103	19771005
	TR19449 A	19790227	TR19770019449	19771012
	US4183742 A	19800115	US19770835092	19770921
	US4187100 A	19800205	US19780948185	19781002
	US4233058 A	19801111	US19790023362	19790323
	US4234722 A	19801118	US19790034714	19790430
	ZA7706077 A	19780628	ZA19770006077	19771012

Probable Assignee: BAYER AG

Assignee(s):(std): SASSE KLAUS ; BECK GUNTHER ; EUE LUDWIG ; SCHMIDT ROBERT R ; BAYER TE LEVERKUSEN
BAYERWERK AG ; BAYER AG

Assignee(s): BAYER AG DE ; BAYER AKTIENGESELLSCHAFT ; BAYER A G ; BAYER AKTIENGESELLSCHAFT TE
LEVERKUSEN BAYERWERK B ; BAYER AKTIENGESELLSCHAFT TE LEVERKUSEN BAYERWERK
BONDSREPUBLIC DUTSLAND

Inventor(s):(std): ANTE LYUDVIG ; BECK G ; BECK GUNTHER ; BECK GUNTHER DE ; BECK GUNTHER DR ; BEK GUNTER ;
EUE L ; EUE LUDWIG ; EUE LUDWIG DE ; EUE LUDWIG DR ; G BECK ; GIYUNTERU BETSUKU ; GUNTER
BEK DT ; GUNTHER BECK ; K SASSE ; KLAUS SASSE ; KLAUS ZASSE DT ; KURAUSU ZATSUSE ; L EUE
; LUDWIG EUE ; LYUDVIG ANTE DT ; R R SCHMIDT ; ROBERT R SCHMIDT ; RUUTOBUTSUHI OIE ;
SASSE K ; SASSE KLAUS ; SASSE KLAUS DE ; SASSE KLAUS DR ; SCHMIDT R ; SCHMIDT R R ;
SCHMIDT ROBERT R ; ROBERT RSHMIDT DT ; ROBERUTO ERU SHIYUMITSUTO ; SCHMIDT ROBERT
RUDOLF DR ; SHMIDT ROBERT R ; ZASSE KLAUS

Inventor(s): RUDOLF DR SCHMIDT ROBERT ; SCHMIDT ROBERT R DE ; ROBERT R SHMIDT DT

Agent(s): FETHERSTONHAUGH AND CO

International class
(IPC 8-9): A01N43/36 A01N47/16 A01N47/22 A01P13/00 C07D233/68 C07D233/90
C07D487/14 (Advanced/Invention);
A01N43/34 A01N47/10 A01P13/00 C07D233/00 C07D487/00 (Core/Invention)

International class
(IPC 1-7): A01N17/08 A01N43/50 A01N47/16 A01N47/22 A01N5/00 A01N9/12 A01N9/20 A01N9/22 C07D233/28
C07D233/60 C07D233/66 C07D233/68 C07D233/90 C07D401/06 C07D403/06 C07D405/12
C07D409/12 C07D413/00 C07D413/06 C07D417/06 C07D487/14

CPC: A01N47/22 C07D233/68 C07D233/90 C07D487/14

European class: A01N47/22 C07D233/68 C07D233/90 C07D487/14

US class: 504/219 504/225 504/249 504/275 504/279 514/217.09 514/227.8 514/235.8 514/250 514/330 514/396
514/397 514/399 540/603 544/139 544/182 544/346 544/370 544/58.4 544/58.5 544/60 546/210
548/314.4 548/314.7 548/315.1 548/315.4 548/333.5 548/334.1 548/334.5 548/337.1 548/343.1

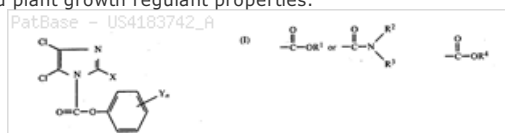
[Classification Explorer](#)

Cited documents: US3997552 A, US3940412 A, US3772315 A, US3759945 A, US3501286 A, US3435050 A, US3423420 A,
FR1485394 A, FR1404757 A,

Forward Citations: WO13039937, WO12087980, US4602927, US4555516, US4448781, US4350520, US4297279,
EP0139135,

Abstract:

A 4,5-dichloro-imidazole-1-carboxylic acid aryl ester of the formula (I) in which X represents trifluoromethyl, cyano or a group in which R1 represents an optionally substituted saturated or unsaturated aliphatic radical, R2 represents hydrogen, alkyl with 1 to 8 carbon atoms, alkenyl with up to 8 carbon atoms or the formyl group, R3 represents alkyl with 1 to 8 carbon atoms or alkenyl or alkynyl each with up to 8 carbon atoms, it being possible for each of these alkyl, alkenyl and alkynyl radicals to carry one or more substituents, or represents cycloalkyl with 5 to 7 carbon atoms in the ring which is optionally substituted by alkyl with 1 to 6 carbon atoms, or represents phenyl which may optionally carry one or more substituents, or R2 and R3 conjointly with the adjoining nitrogen atom form an optionally substituted 5- to 7-membered heterocyclic radical in which 1 to 3 ring members may be selected from oxygen, sulfur and nitrogen, Y represents halogen, alkyl with 1 to 6 carbon atoms, trifluoromethyl, alkoxy with 1 to 6 carbon atoms, nitro, cyano or a group, in which R4 represents alkyl with 1 to 6 carbon atoms and n represents 0, 1, 2, 3, 4, or 5, which possesses plant protection properties especially herbicidal and plant growth regulant properties.



Title: 4,5-Dichloro-imidazole derivatives and their use as plant protection agents

Priority: DE19762646144 19761013 LU19760076035 19761020 US19770835095 19770921
CA19770288546 19771012 US19770841926 19771013 CA19770289063 19771019
US19780945288 19780925

Family:	Publication number	Publication date	Application number	Application date
	AU197729662 A1	19790426	AU19770029662	19771019
	AU197729862 A1	19790426	AU19770029862	19771019
	AU516497 B2	19810604	AU19770029862	19771019
	BE859629 A	19780412	BE19770181659	19771012
	BE859911 A	19780419	BE19770181893	19771019
	BR7706803 A	19780704	BR19770006803	19771012
	CA1100977 A1	19810512	CA19770288546	19771012
	CA1106399 A1	19810804	CA19770289063	19771019
	CH626250 A	19811113	CH19770012756	19771019
	DD133036 C	19781129	DD19770201434	19771010
	DE2646144 A1	19780420	DE19762646144	19761013
	DE2746999 A1	19780427	DE19772746999	19771019
	DE2746999 C2	19890921	DE19772746999	19771019
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	FR2367752 A1	19780512	FR19770030723	19771012
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	FR2368509 A1	19780519	FR19770031522	19771019
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	GB1572529 A	19800730	GB19770043584	19771019
	GB1576508 A	19801008	GB19770042078	19771010
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	TR19489 A	19790417	TR19770019489	19771012
	US4178166 A	19791211	US19770835095	19770921
	US4185991 A	19800129	US19780945288	19780925
	US4268681 A	19810519	US19790034712	19790430
	US4275054 A	19810623	US19790069859	19790827
	ZA7706076 A	19780927	ZA19770006076	19771012

Probable Assignee: LOREAL SA

Assignee(s):(std): BAYER AG ; OREAL ; LOREAL SA

Assignee(s): ANONYME L OREAL SOC ; ANONYME L OREAL TE PARIJS SOC ; BAYER A G ; SOCIETE ANONYME DITE L OREAL ; SOCIETE ANONYME DITE L OREAL TE PARIJS ; OREAL L ; ZYSMAN ALEXANDRE ; SEBAG HENRI ; VANLERBERGHE GUY ; LO REAL ; BAYER AKTIENGESELLSCHAFT ; BAYER AG DE ; BAYER AKTIENGESELLSCHAFT TE LEVERKUSEN ; BAYER AKTIENGESELLSCHAFT TE LEVERKUSEN BAYERWERK BONDSREPUBLIC DUTSLAND ; BECK GUNTHER ; EUE LUDWIG ; L OREAL ; L OREAL PARIS FR ; SASSE KLAUS ; SCHMIDT ROBERT R ; L OREAL S A ; L OREAL SA

Inventor(s):(std): SASSE K ; SASSE KLAUS ; SCHMIDDT ROBERT R ; SCHMIDT R ; SCHMIDT R R ; SCHMIDT ROBERT RUDOLF DR ; SASSE KLAUS DR ; EUE LUDWIG DR ; BECK GUNTHER DR ; ZASSE KLAUS ; SHMIDT ROBERT R ; OJE LYUDVIG ; BEK GUNTER ; BECK G ; BECK GUNTHER ; EUE L ; EUE LUDWIG ; ZYSMAN ALEXANDRE ; ZYSMAN A ; VANLERBERGHS G ; VANLERBERGHE GUY ; VANLERBERGHE G ; SEBAG HENRI ; SEBAG H ; SCHMIDT ROBERT R ; RUUTOBUIITSUHI OIE ; ROBERUTO ERU SHIYUMITSUTO ; KURAUSU ZATSUSE ; ARUKUSANDORU JIISUMAN ; ANRI SEBATSUGU ; GUI BANREEBAAGE ; GIYUNTERU BETSUKU

Inventor(s): G VANLERBERGHS ; G VANLERBERGHE ; ALEXANDRE ZYSMAN ; A ZYSMAN ; R R SCHMIDT ; L EUE ; K SASSE ; G BECK ; RUDOLF DR SCHMIDT ROBERT ; KLAUS ZASSE DT ; HENRI SEBAG ALEXANDRE ZYSMAN ET GUY VANLERBERGHE ; HENRI SEBAG ; H SEBAG ; GUY VANLERBERGHE ; GUNTER BEK DT ; ROBERT R SHMIDT DT ; PARIS VANLERBERGHE ; LYUDVIG OJE DT ; SEBAG H ZYSMAN AND VANLERBERGHE G ; SEBAG H ZYSMAN A AND VANLERBERGHE G ; VANLERBERGHE GUY CLAYE SOUILLY FR ; GUNTHER BECK ; KLAUS SASSE ; LUDWIG EUE ; ROBERT R SCHMIDDT ; SCHMIDT ROBERT R DE ; SASSE KLAUS DE ; EUE LUDWIG DE ; BECK GUNTHER DE ; ZYSMAN ALEXANDRE PARIS FR

Agent(s): WM; WATERMARK INTELLECTUAL PROPERTY PTY LTD; FETHERSTONHAUGH AND CO; SWABEY OGILVY RENAULT

International class (IPC 8-9): A01N43/50 A01P13/00 A61K8/00 A61L9/01 A61Q15/00 C07D233/68 C07D233/90 C07D487/14 C08F8/00 C08F8/14 C08G69/48 C08G73/02 C08G85/00 C08L77/00 (Advanced/Invention); A01P13/00 A61K8/00 A61L9/01 A61Q15/00 C08F8/00 C08G85/00 C08L77/00 (Advanced/Non-invention); A01N43/48 A01P13/00 A61K8/00 A61L9/01 A61Q15/00 C07D233/00 C07D487/00 C08F8/00 C08G69/00 C08G73/00 C08G85/00 C08L77/00 (Core/Invention)

International class (IPC 1-7): A01N17/10 A01N43/50 A01N5/00 A01N61/00 A01N9/00 A01N9/12 A01N9/22 A61K7/32 A61K9/14 A61L9/01 C07C101/02 C07C103/52 C07D233/60 C07D233/66 C07D233/68 C07D233/82 C07D233/90 C07D401/06 C07D403/06 C07D409/12 C07D413/06 C07D417/06 C07D487/14 C07G7/00 C08F126/02 C08F26/02 C08F8/00 C08F8/10 C08F8/14 C08F8/44 C08F8/46 C08G69/48 C08G73/00 C08G73/04

C08G85/00 C08H1/00 C08L77/00

CPC: A01N43/50 C07D233/68 C07D233/90 C07D487/14 Y10S424/05 A61K8/88 A61Q15/00 C08G73/0233
European class: 124BG12B2D2F A01N43/50 A61K8/88 A61Q15/00 C07D233/68 C07D233/90 C07D487/14 C08G73/02E
US class: 424/46 424/47 424/65 424/DIG.5 504/219 504/249 504/275 504/279 514/217.09 514/227.8 514/235.8
514/250 514/330 514/396 514/397 514/399 523/102 527/201 527/203 530/360 540/603 544/139
544/182 544/370 544/60 546/210 548/314.4 548/314.7 548/315.1 548/315.4 548/333.5 548/334.5
548/337 548/337.1 548/342.5 548/343.1 548/519 71/92

[Classification Explorer](#)

Cited documents: US4185991 A, US4178166 A, US4156067 A, US4134983 A, US4090013 A, US3997552 A, US3996366 A, US3940412 A, US3772315 A, US3759948 A, US3759945 A, US3625953 A, US3501286 A, US3435050 A, US3423420 A, FR2252840 A1, FR1485394 A, FR1404757 A, DE2156215 A1,

Forward Citations: WO8201993, WO17180721, WO13052454, WO13039937, WO13012476, WO12087980, US9517193, US8703384, US8629094, US8449870, US8443486, US8333956, US8080257, US7754197, US7749524, US7491749, US7410636, US7351418, US7329719, US7314612, US7276547, US7262159, US7144582, US7052681, US7030985, US7025953, US7011823, US7008629, US7008619, US6979469, US6960339, US6875245, US6869594, US6835399, US6716420, US6592857, US6552160, US6545163, US6517343, US6503522, US6503077, US6497861, US6478830, US6469131, US6423304, US6268466, US6242509, US6169160, US6054517, US6001342, US5998570, US5948882, US5882363, US5783657, US5714447, US5603925, US5500451, US5500209, US5013847, US4944937, US4938957, US4571257, US4382919, US4268681, US2012135350, US2008233065, US2008119570, US2007142264, US2006204461, US2006177412, US2005169875, US2005084474, US2005019286, US2004202626, US2004166133, US2004166076, US2004141932, US2004091510, US2004013625, US2004009132, US2003236387, US2003198613, US2003125427, US2003012764, US2002192168, US2002172696, US2002120036, US2002114773, US2002107314, FR2759582, FR2497670, EP2053073, EP1774952, EP1616896, EP1408910, EP1392759, EP1289482, EP0858797,

Abstract:

A 4,5-dichloro-imidazole derivative of the formula (I) in which X represents trifluoromethyl, cyano or a in which R1 represents an optionally saturated or unsaturated aliphatic radical, R2 represents hydrogen, alkyl with 1 to 8 carbon atoms, alkenyl with up to 8 carbon atoms or the formyl group, R3 represents hydrogen, alkyl with 1 to 8 carbon atoms or alkenyl or alkynyl with up to 8 carbon atoms, it being possible for each of these alkyl, alkenyl and alkynyl radicals to carry one or more substituents, or represents cycloalkyl with 5 to 7 carbon atoms in the ring which is optionally substituted by alkyl with 1 to 6 carbon atoms, or represents phenyl which may optionally carry one or more substituents, or R2 and R3 conjointly with the adjoining nitrogen atom for an optionally substituted 5-membered to 7-membered heterocyclic ring in which 1 to 3 ring members may be selected from oxygen, sulphur and nitrogen, and R represents alkyl with 1 to 12 carbon atoms or alkenyl or alkynyl each with up to 12 carbon atoms, it being possible for each of these alkyl, alkenyl and alkynyl radicals to carry one or more substituents, or represents cycloalkyl with 5 to 7 carbon atoms in the ring or represents a phenyl radical which is at least disubstituted; and the use of such novel 4,5-dichloro-imidazole derivatives as plant protection agents especially as a herbicide, plant growth regulant, insecticide or acaricide.



Title: 1-Acyloxymethyl-4,5-dichloro-imidazole-2-carboxylic acid derivatives and their use as plant protection agents

Priority: DE19762646142 19761013 US19770835093 19770921 CA19770288523 19771012
US19780946252 19780927

Family:	Publication number	Publication date	Application number	Application date
	AU197729661 A1	19790426	AU19770029661	19771013
	BE859627 A	19780412	BE19770181657	19771012
	BR7706801 A	19780704	BR19770006801	19771012
	CA1088551 A1	19801028	CA19770288523	19771012
	DD133037 C	19781129	DD19770201437	19771010
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	DK452677 A	19780414	DK19770004526	19771012
	ES463161 A1	19780716	ES19770463161	19771013
	FR2367751 A1	19780512	FR19770030720	19771012
	FR2367751 B1	19810724	FR19770030720	19771012
	GB1576509 A	19801008	GB19770042079	19771010
	IL53088 A0	19771230	IL19770053088	19771010
	JP53050163 A2	19780508	JP19770121938	19771013
	NL7711207 A	19780417	NL19770011207	19771012
	PL103471 B	19790630		00000000
	PL103471 B1	19790630	PL19770201463	19771012
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	PT67149 B	19790319	PT19770067149	19771012
	SE7711480 A	19780414	SE19770011480	19771012
	TR19387 A	19790220	TR19770019387	19771012
	US4177055 A	19791204	US19770835093	19770921
	US4187101 A	19800205	US19780946252	19780927
	ZA7706078 A	19780628	ZA19770006078	19771012

Probable Assignee: BAYER AG

Assignee(s):(std): BAYER AG

Assignee(s): BAYER AG DE ; BAYER AKTIENGESELLSCHAFT ; BAYER AKTIENGESELLSCHAFT TE LEVERKUSEN ... ; BAYER AKTIENGESELLSCHAFT TE LEVERKUSEN BAYERWERK BONDSREPUBLIC DUITSLAND ; BECK GUNTHER ; EUE LUDWIG ; SASSE KLAUS ; SCHMIDT ROBERT R ; SENG FLORIN ; BAYER A G

Inventor(s):(std): BECK GUNTHER DR ; EUE L ; EUE LUDWIG ; EUE LUDWIG DR ; BECK G ; BECK GUNTHER ; FUROORIN ZENGU ; GIYUNTERU BETSUKU ; KURAUSU ZATSUSE ; RUUTOBUTSUHI OIE ; SASSE K ; SASSE KLAUS ; SASSE KLAUS DR ; SCHMIDDT ROBERT R ; SCHMIDT R ; SCHMIDT R R ; SCHMIDT ROBERT R ; SCHMIDT ROBERT RUDOLF DR ; SENG F ; SENG FLORIN ; ROBERUTO ERU SHIYUMITSUTO ; SENG FLORIN DR

Inventor(s): RUDOLF DR SCHMIDT ROBERT ; SENG FLORIN DE ; SCHMIDT ROBERT R DE ; SASSE KLAUS DE ; L EUE ; LUDWIG EUE ; R R SCHMIDT ; ROBERT R SCHMIDT ; GUNTHER BECK ; K SASSE ; KLAUS SASSE ; G BECK ; BECK GUNTHER DE ; F SENG ; FLORIN SENG ; EUE LUDWIG DE

Agent(s): FETHERSTONHAUGH AND CO

International class (IPC 8-9): A01N43/50 C07D233/68 C07D233/90 C07D487/14 (Advanced/Invention); A01N43/48 C07D233/00 C07D487/00 (Core/Invention)

International class (IPC 1-7): A01N43/50 A01N5/00 A01N9/12 A01N9/22 C07D233/60 C07D233/66 C07D233/68 C07D233/82 C07D233/90 C07D401/06 C07D403/06 C07D405/12 C07D409/12 C07D413/06 C07D417/06 C07D487/14

CPC: A01N43/50 C07D233/68 C07D233/90 C07D487/14

European class: A01N43/50 C07D233/68 C07D233/90 C07D487/14

US class: 504/219 504/220 504/221 504/225 504/226 504/229 504/235 504/249 504/275 504/279 514/217.09 514/227.8 514/235.8 514/250 514/330 514/397 514/399 540/603 544/139 544/182 544/370 544/60 546/210 548/314.4 548/314.7 548/315.1 548/315.4 548/333.5 548/334.5 548/337.1 548/341.5 71/92

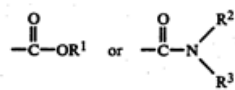
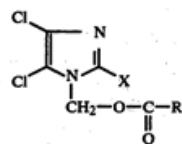
[Classification Explorer](#)

Cited documents: US3997552 A, US3940412 A, US3772315 A, US3759945 A, US3501286 A, US3435050 A, US3423420 A, FR1485394 A, FR1404757 A,

Abstract:

Novel 1-acyloxymethyl-4,5-dichloro-imidazole-2-carboxylic acid derivatives of the formula (I) in which X represents trifluoromethyl, cyano or a group in which R1 represents an optionally substituted saturated or unsaturated aliphatic radical, R2 represents hydrogen, alkyl with 1 to 8 carbon atoms, alkenyl with up to 8 carbon atoms or the formyl group, R3 represents alkyl with 1 to 8 carbon atoms or alkenyl or alkynyl each with up to 8 carbon atoms, it being possible for each of these alkyl, alkenyl and alkynyl radicals to carry one or more substituents, or represents cycloalkyl with 5 to 7 carbon atoms in the ring which is optionally substituted by alkyl with 1 to 6 carbon atoms, or represents phenyl which may optionally carry one or more substituents, or R2 and R3 conjointly with the adjoining nitrogen atom form an optionally substituted 5- to 7-membered heterocyclic ring in which 1 to 3 ring members may be selected from oxygen, sulfur and nitrogen, and R represents alkyl with 1 to 6 carbon atoms, plant protective compositions containing the same as active ingredients together with diluents, and methods for protecting plants by applying such novel 1-acyloxymethyl-4,5-dichloro-imidazole-2-carboxylic acid derivatives to a plant or its habitat.

(I)



Title: CAPSULE FOR BEVERAGE PREPARATION**Priority:** CH19760015913 19761217 CA19770292268 19771202 JP19770151612 19841216

Family:	Publication number	Publication date	Application number	Application date
	AR218048 A1	19800515	AR19770270314	19771209
	AT359423 B	19801110	AT19770008736	19771206
	AT873677 A	19800315	AT19770008736	19771206
	AU197731418 A1	19790614	AU19770031418	19771209
	AU515875 B2	19810507	AU19770031418	19771209
	BE861543 A	19780606	BE19770183200	19771206
	BR7708403 A	19780808	BR19770008403	19771216
	CA1089801 A1	19801118	CA19770292268	19771202
	CH605293 A	19780929	CH19760015913	19761217
	DE2752733 A1	19780622	DE19772752733	19771125
	DE2752733 C2	19820519	DE19772752733	19771125
	DE7736129 U1	19830224	DE19770036129U	19771125
	DK148311 B	19850610	DK19770005611	19771216
	DK148311 C	19851202	DK19770005611	19771216
	DK561177 A	19780618	DK19770005611	19771216
	ES232747 U	19780216	ES19770232747U	19771216
	ES232747 Y	19780616	ES19770232747U	19771216
	FI63367 B	19830228	FI19770003625	19771130
	FI63367 C	19830610	FI19770003625	19771130
	FI773625 A	19780618	FI19770003625	19771130
	FR2373999 A1	19780713	FR19770038262	19771219
	FR2373999 B1	19821217	FR19770038262	19771219
	GB1561188 A	19800213	GB19770051984	19771214
	IT1133901 A	19860724	IT19770051958	19771128
	JP1338647 C3	19860929	JP19770151612	19771216
	JP1382008 C3	19870609	JP19840056425	19840326
	JP53076171 A2	19780706	JP19770151612	19771216
	JP60045325 A2	19850311	JP19840056425	19840326
	JP61002372 B4	19860124	JP19770151612	19771216
	JP61051882 B4	19861111	JP19840056425	19840326
	LU78694 A	19780417	LU19770078694	19771215
	NL184501 B	19890316	NL19770013597	19771208
	NL184501 C	19890816	NL19770013597	19771208
	NL7713597 A	19780620	NL19770013597	19771208
	NO146771 B	19820830	NO19770004331	19771215
	NO146771 C	19821208	NO19770004331	19771215
	NO774331 A	19780620	NO19770004331	19771215
	NZ185867 A	19800527	NZ19770185867	19771205
	PT67339 A	19771201	PT19770067339	19771129
	PT67339 B	19790426	PT19770067339	19771129
	SE428917 B	19830801	SE19770014275	19771215
	SE428917 C	19831110	SE19770014275	19771215
	SE7714275 A	19780618	SE19770014275	19771215
	SE7714275 L	19780618	SE19770014275	19771215
	US4136202 A	19790123	US19770858347	19771207
	ZA7707279 A	19780927	ZA19770007279	19771206

Probable Assignee: NESTLE SA**Assignee(s):(std):** ASSISTANCE TECHIQUE ; SCCIETE DES PRODUITS NESTLE S ; NESTLE SA ; NESTLE SA SOC ASS TECH PROD ; NESTEC SA

Assignee(s): NESTLE SOCIETE DES PRODUITS SA ; SOCIETE D ASSISTANCE TECHNIQUE POUR PRODUITS NESTLE S A ; SOCIETE DES PRODUITS NESTLE S A 1800 VEVEY CH ; SOCIETE DES PRODUITS NESTLE S A ; SOCIETE DE PRODUITS NESTLE S A ; SOCIETE DES PRODUITS NESTLE SA ; SOCIETE DES PRODUITS NESTLE S A TE VEVEY ZWITSERLA ; SOCIETE DES PRODUITS NESTLE S A TE VEVEY ZWITSERLAND ; NESTLE SOCIETE DES PRODUITS S A ; SOC DES PRODUITS NESTLE S A ; SCCIETE DES PRODUITS NESTLE S A ; NESTEC S A ; NESTLE SOC DES PRODUITS SA ; NESTLE PROD LTD ; NESTLE SOC ASS TECH PROD SA ; SOC DES PRODUITS NESTLE SA ; SOCIETE D ASSISTANCE TECHNIQUE POUR PRODUITS NESTL ; NESTLE SA PRODUITS ; D ASSISTANCE TECHNIQUE POUR PRODUITS NESTL SOC ; DE PURODEYUI NETSUSURU SA SOC ; DE PURODEYUI NETSUSURU SOC SA ; DES PRODUITS NESTLE S A SOC ; DES PRODUITS NESTLE SA SOC ; DES PRODUITS NESTLE SOC SA ; FAVRE ERIC

Inventor(s):(std): ERITSUKU FUABURU ; FAVRE ERIC ; FAVRE ERIC MARC JOSEPH ; FAVRE E**Inventor(s):** ERIC MARC JOSEPH FAVRE ; ERIC FAVRE TE LE MONT PELERIN ; ERIC FAVRE ; E FAVRE ; FAVRE ERIC LE MONT PELERIN CH ; ZWITSERLAND**Agent(s):** SW; SHELSTON IP PTY LTD; SMART AND BIGGAR

International class (IPC 8-9): A23F5/10 A23F5/36 A47J31/06 A47J31/24 A47J31/40 A47J31/44 B65B29/02 B65D81/00 B65D85/804 (Advanced/Invention); A47J31/06 A47J31/24 A47J31/44 (Advanced/Non-invention); A23F5/00 A23F5/24 A47J31/06 A47J31/24 A47J31/40 A47J31/44 B65D81/00 B65D85/804 (Core/Invention)

International class (IPC 1-7): A23F1/08 A23F5/10 A23F5/36 A23L2/26 A47G A47J31/00 A47J31/06 A47J31/24 A47J31/40 A47J31/44 A47J37/06 B01J13/02 B65B29/02 B65D11/02 B65D17/00 B65D17/24 B65D17/28 B65D25/38 B65D77/22 B65D77/30 B65D81/32 B65D81/34 B65D85/70 B65D85/72 C02D1/00

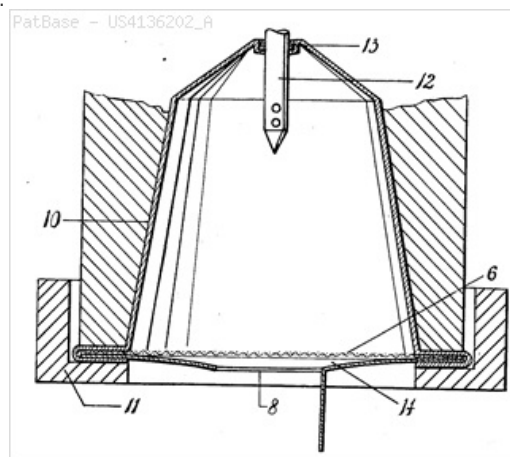
CPC: B65D85/8043**European class:** A47J31/40B B65D81/00B3 B65D85/804B**US class:** 206/0.5 426/115 426/77 99/295[Classification Explorer](#)

Cited documents: US3812273 A, US3391632 A, US3357340 A, US3295998 A, US3292527 A, US3193388 A, US2968560 A, US2905075 A, US2783704 A, US2778739 A, US1377316 A, JP44016220 Y1, GB810371 A, FR85220 E, FR2062337 A5, FR2031251 A5, FR1364608 A, DE2258462 A1,

Forward Citations: WO9207775, WO9006688, WO18063791, WO18046400, WO17103028, WO16174671, WO16103104, WO16079701, WO16046621, WO16030887, WO16013002, WO15193774, WO15162468, WO15056238, WO15004259, WO14188285, WO14183783, WO14146952, WO14128658, WO14097039, WO14056802, WO14033344, WO14016208, WO14006051, WO13160091, WO13136240, WO13136210, WO13102557, WO13092910, WO13026651, WO12160190, WO12143832, WO12120459, WO12080908, WO12080501, WO12079959, WO12077066, WO12076483, WO12010760, WO11154672, WO11154666, WO11154665, WO11177768, WO11080022, WO11015973, WO11010262, WO10137953, WO10128031, WO10128028, WO10092543, WO09092629, WO09092628, WO08019203, WO08019203, WO07122206, WO06105884, WO06053635, WO06043098, WO06038227, WO03073896, WO0226588, WO0210032, WO0210032, WO02080744, WO0056629, USD772705, USD769712, USD764270, USD757536, USD753480, USD743786, USD743252, USD732387, USD732386, USD708057, USD703039, USD697797, USD695111, USD694620, USD647399, USD647398, USD637484, US9968111, 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DE102014000187, DE102014000187, DE102011012860, CN105658544, CN105050458, CN104379031, CN103458749, CN103209621, CN103209621, CN103079436, CN103079436, CN103038144, CN102802443, CN102627176, CN102627176, CN102612332, CN102573578, CH668544, AU755220, AU650064, AU572778, AU2014234493, AU2013285523, AU2013201236, AU2010236108, AU2009347077, AU2009347077, AU2007242800, AU2005200115, AU2002223527, AT400291,

Abstract:

A capsule containing a substance for making up a drink using an apparatus, said capsule being composed essentially of a sealed body having the general shape of an acute truncated cone with a rim at its base and of a membrane closing the base, said membrane being provided with a line of weakness delimiting an aperture.



Title: Combating fungi and controlling plant growth with 1-amido-1-azolyl-2-hydroxy- or -keto-alkanes
Priority: DE19762624529 19760601

Family:	Publication number	Publication date	Application number	Application date
	AT358871 B	19801010	AT19770003862	19770601
	AT386277 A	19800215	AT19770003862	19770601
	BE855275 A	19771201	BE19770178094	19770601
	BR7703517 A	19780314	BR19770003517	19770531
	CH628498 A	19820315	CH19770006603	19770527
	DE2624529 A1	19771222	DE19762624529	19760601
	DE2624529 B	00000000		00000000
	DK238177 A	19771202	DK19770002381	19770531
	FR2353537 A1	19771230	FR19770016702	19770601
	FR2353537 B1	19801024	FR19770016702	19770601
	GB1519580 A	19780802	GB19770022743	19770530
	IL52192 A0	19770731	IL19770052192	19770530
	IL52192 A1	19801130	IL19770052192	19770530
	JP52148073 A2	19771208	JP19770063436	19770601
	NL7706013 A	19771205	NL19770006013	19770601
	US4124369 A	19781107	US19770798745	19770519

Probable Assignee: BAYER AG

Assignee(s):(std): BAYER AG ; BAYER TE LEVERKUSEN BAYERWERK AG

Assignee(s): BAYER AKTIENGESELLSCHAFT TE LEVERKUSEN BAYERWERK B ; BAYER AKTIENGESELLSCHAFT ; BAYER AKTIENGESELLSCHAFT TE LEVERKUSEN BAYERWERK BONDSREPUBLIC DUTSLAND ; BAYER A G

Inventor(s):(std): BRANDES WILHELM ; BUECHEL KARL HEINZ ; DRABER WILFRIED ; KRAEMER WOLFGANG ; LUERSSEN KLAUS ; WOLFGANG KRAEMER ; WILHELM BRANDES ; WILFRIED DRABER ; LURSSSEN K ; LUERSSEN K ; KURAUSU RIYUURUZEN ; KRAMER W ; KRAEMER W ; KLAUS LUERSSEN ; KARURU HAINTSU BIYUUHIERU ; KARL HEINZ BUECHEL ; DRABER W ; BUORUFUGANGU KUREEMERU ; BUIRUHERUMU BURANDESU ; BUIRUFURIITO DORABERU ; BUECHEL K H ; BUCHEL K ; BRANDES W ; LURSSSEN KLAUS ; LUERSSEN KLAUS DR ; KRAMER WOLFGANG ; KRAEMER WOLFGANG DR ; DRABER WILFRIED DR ; BUECHEL KARL HEINZ PROF DR ; BUCHEL KARL H

Inventor(s): BRANDES WILHELM DIPL LANDW DR

Agent(s): REINHOLD COHN AND PARTNERS

International class A01N43/50 A01N43/653 C07D209/48 C07D233/60 C07D233/61 C07D249/08

(IPC 8-9): C07D521/00 (Advanced/Invention);

A01N43/48 A01N43/64 C07D209/00 C07D233/00 C07D249/00 C07D521/00 (Core/Invention)

International class A01N43/36 A01N43/48 A01N43/50 A01N43/64 A01N5/00 A01N9/00 A01N9/22 A61K31/41 A61K31/415
(IPC 1-7): C07C103/76 C07D209/48 C07D233/24 C07D233/54 C07D233/60 C07D233/61 C07D247/00 C07D249/02 C07D249/04 C07D249/06 C07D249/08 C07D403/06

CPC: C07D209/48 C07D231/12 C07D233/56 C07D249/08

European class: 124BG12B2B6B3 124BG12B2F6C 45L2A C07D209/48 C07D231/12 C07D233/56 C07D249/08

US class: 504/169 504/181 504/185 504/274 504/275 514/383 514/397 514/399 548/266.4 548/267.2 548/267.6 548/312.1 548/338.1 548/340.1 548/479 564/175 564/182 564/186 564/209 564/215 564/90 564/98 564/99 71/760

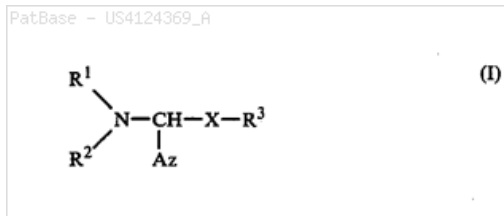
[Classification Explorer](#)

Cited documents: US3993469 A,

Forward Citations: WO13039937, WO12087980, US5090156, US4685951, US4386088, US4328028, US4316932, US4297126, CN105541828,

Abstract:

1-Amido-1-azolyl-2-hydroxy- or -keto-alkanes of the formula (I) in which R¹ represents acyl or the grouping R⁴-SO₂-, in which R⁴ denotes alkyl or optionally substituted aryl, R² represents hydrogen, or R¹ and R² conjointly with the linking nitrogen atom represent an imide radical, R³ represents alkyl or optionally substituted aryl, X represents a keto group or a CH(OH) grouping, and Az represents an azole radical, AND THEIR PHYSIOLOGICALLY TOLERATED SALTS WHICH POSSESS FUNGICIDAL AND PLANT GROWTH REGULATING PROPERTIES.



Title: Novel halogenoethyl sulphones and their use as plant growth regulators

Priority: DE19762657380 19761217 DK19770005628 19771216 US19780856056 19781130
DK19790005341 19791214

Family:	Publication number	Publication date	Application number	Application date
	AT355061 B	19800211	AT19770008979	19771215
	AT897977 A	19790715	AT19770008979	19771215
	AU197731676 A1	19790621	AU19770031676	19771216
	AU511461 B2	19800821	AU19770031676	19771216
	BE861918 A	19780616	BE19770183507	19771216
	BR7708402 A	19780815	BR19770008402	19771216
	CH632129 A	19820930	CH19770015328	19771213
	DE2657380 A1	19780629	DE19762657380	19761217
	DE2657380 B2	19800529	DE19762657380	19761217
	DE2657380 C3	19810205	DE19762657380	19761217
	DK143533 B	19810907	DK19790005341	19791214
	DK143533 C	19820201	DK19790005341	19791214
	DK144375 B	19820301	DK19770005628	19771216
	DK144375 C	19820816	DK19770005628	19771216
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	DK562877 A	19780618	DK19770005628	19771216
	ES465144 A1	19781001	ES19770465144	19771216
	FR2374302 A1	19780713	FR19770038077	19771216
	GB1574193 A	19800903	GB19770051777	19771213
	IL53607 A0	19780310	IL19770053607	19771214
	IL53607 A1	19810913	IL19770053607	19771214
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	NL7713860 A	19780620	NL19770013860	19771214
	PT67396 A	19780101	PT19770067396	19771213
	PT67396 B	19790521	PT19770067396	19771213
	US4227918 A	19801014	US19780965966	19781204
	ZA7707218 A	19780927	ZA19770007218	19771205

Probable Assignee: BAYER AG

Assignee(s):(std): BAYER AG

Assignee(s): BAYER AG 5090 LEVERKUSEN ; BAYER AKTIENGESELLSCHAFT ; BAYER AKTIENGESELLSCHAFT TE LEVERKUSEN BAYERWERK BONDSREPUBLIC DUTSLAND ; BAYER A G

Inventor(s):(std): BUORUFUGANGU HOOFUERU ; HOER W ; HOER WOLFGANG ; HOER WOLFGANG DR ; HOFFER W ; KURAUSU RIYUURUZEN ; LUERSSEN K ; LUERSSEN KLAUS ; LUERSSEN KLAUS DR ; LURSSSEN K ; LURSSSEN KLAUS

Inventor(s): W HOER ; WOLFGANG HOER ; K LURSSSEN ; KLAUS LUERSSEN ; KLAUS LURSSSEN ; DR KLAUS LUERSSEN ; DR WOLFGANG HOER ; HOERR V AND LILES SENK

Agent(s): CA; DAVIES COLLISON CAVE PTY LTD; REINHOLD COHN AND PARTNERS

International class (IPC 8-9): A01N41/10 C07C313/00 C07C317/04 C07C317/18 C07C67/00 (Advanced/Invention); C07C313/00 C07C67/00 (Advanced/Non-invention); A01N41/00 C07C313/00 C07C317/00 C07C67/00 (Core/Invention); A01N (Subclass/Invention)

International class (IPC 1-7): A01N31/02 A01N41/10 A01N5/00 A01N9/14 C07C147/02 C07C147/04

CPC: A01N41/10 C07C317/00

European class: A01N41/10 C07C317/00

US class: 504/162 504/174 504/350 568/32

[Classification Explorer](#)

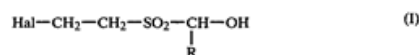
Cited documents: US4134752 A, US4098599 A, US4087271 A, US4057418 A, US3885951 A, US3876678 A, US3556714 A, US3509218 A, US3094455 A,

Forward Citations: WO13039937, WO12087980, US6255250, US5935906, US5869424, US5861360, US5837653, US5834403, US4427439, JP6133431, JP2016501859, EP29222818, EP0009696, EP0009696, CN105849086,

Abstract:

A halogenoethyl sulphone of the formula (I) wherein Hal represents halogen; and R represents hydrogen or an alkyl group of 1 to 6 carbon atoms, the use of such halogenoethyl sulphone as plant growth regulants and a process for regulating the growth of a crop by applying to the crop or a habitat thereof a composition comprising such halogenoethyl sulphone.

PatBase - US4227918_A



Title: N-substituted halogenoacetanilides and their use as herbicides**Priority:** DE19772704281 19770202 DE19772742583 19770922 US19780869068 19780112
AT19780000652 19780131 AT19790005358 19790806 US19800110721 19800109

Family:	Publication number	Publication date	Application number	Application date
	AT357153 B	19800625	AT19780000652	19780131
	AT363716 B	19810825	AT19790005358	19790806
	AT535879 A	19810115	AT19790005358	19790806
	AT65278 A	19791115	AT19780000652	19780131
	AU197832894 A1	19790809	AU19780032894	19780201
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	BG28548 A3	19800515	BG19780038503	19780127
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	CS197207 B2	19800430	CS19780000648	19780131
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	DD138317 C	19791024	DD19780206428	19780131
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	FR2379525 A1	19780901	FR19780002746	19780201
	FR2379525 B1	19830204	FR19780002746	19780201
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	GR73117 B	19840203	GR19780155313	19780131
	HU180665 B	19830429	HU1978BA03623	19780131
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	IE780214 L	19780802	IE19780000214	19780201
	IL53938 A0	19780430	IL19780053938	19780101
	IT7819858 A0	19780131	IT19780019858	19780131
	JP53095964 A2	19780822	JP19780008970	19780131
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	PH14225 A	19810402	PH19780020730	19780130
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	PL113829 B1	19810131	PL19780215413	19780131
	PL204366 A1	19781023	PL19780204366	19780131
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	PT67577 B	19790620	PT19780067577	19780124
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	SU738492 D	19800530	SU19782568149	19780124
	TR19576 A	19790701	TR19780019576	19780201
	US4517011 A	19850514	US19780869068	19780112
	US4561879 A	19851231	US19840652413	19840919
	ZA7800611 A	19781227	ZA19780000611	19780201

Probable Assignee: BAYER AG**Assignee(s):(std):** STETTER JORG DE BAYER AG ; BAYER TE LEVERKUSEN BAYERWERK AG ; STETTER JORG DE BAYER AG DE ; EUE LUDWIG DE ; EUE ; STETTER JORG ; BAYER AG**Assignee(s):** BAYER AG DE ; BAYER AKTIENGESELLSCHAFT ; BAYER AKTIENGESELLSCHAFT TE LEVERKUSEN BAYERWERK B ; BAYER AKTIENGESELLSCHAFT TE LEVERKUSEN BAYERWERK BONDSREPUBLIC DUTSLAND ; BAYER A G ; EUE LUDWIG**Inventor(s):(std):** ROBERT RUDOLF SCHMIDT DT ; ROBERT RUDOLF SCHMIDT ; R THOMAS ; R R SCHMIDT ; LYUDVIG OJE DT ; LUDWIG EUE ; L EUE ; EUE LUDWIG DE ; ERG SHTETTER DT ; DRABER WILFRIED DE ; DRABER WILFRED DE ; TOMAS RUDOLF ; THOMAS RUDOLF DR ; THOMAS RUDOLF ; THOMAS R ; STETTER JORG ; STETTER JOERG DR ; STETTER JOERG ; SHTETTER ERG ; SCHMIDT ROBERT RUDOLF ; SCHMIDT RR ; SCHMIDT ROBERT RUDOLF DR ; SCHMIDT ROBERT RUDOLF ; SCHMIDT ROBERT R ; SCHMIDT ROBERT ; SCHMIDT R R ; SCHMIDT R ; RUUDOBITSUHI OIE ; RUDORUFU TOOMASU ; ROBERUTO RUDORUFU SHIYUMITSUTO ; OJE LYUDVIG ; EUE LUDWIG DR ; EUE LUDWIG ; EUE L ; DRABER WILFRIED DR ; DRABER WILFRIED ; DRABER WILFRED ; DRABER W ; DRABER VILFRID ; BIRUFURIITO DORABERU ; DRABER ; EUE ; SCHMIDT ; SCHMIDT ROBERT DE ; STETTER ; STETTER JOERG DE ; STETTER JORG DE ; THOMAS ; THOMAS RUDOLF DE ; VILFRID DRABER DT ; W DRABER ; WILFRIED DRABER ; RUDOLF TOMAS DT ; RUDOLF THOMAS**Inventor(s):** RUDOLF DR SCHMIDT ROBERT ; THOMAS R DRABER W SCHMIDT R R AND EUEL ; SCHMIDT ROBERT R DE**Agent(s):** CA ; DAVIES COLLISON CAVE PTY LTD**International class (IPC 8-9):** A01N37/22 A01N43/36 A01N43/50 A01N43/56 A01N43/64 A01N43/653 A01N43/713 A01P13/00 C07C233/07 C07D207/32 C07D207/325 C07D231/12 C07D233/56 C07D233/61 C07D233/68 C07D235/14 C07D235/24 C07D249/08 C07D257/04 C07D521/00 (Advanced/Invention); C07D207/32 (Advanced/Non-invention); A01N37/22 A01N43/34 A01N43/48 A01N43/64 A01N43/713 A01P13/00 C07C233/00 C07D207/00 C07D231/00 C07D233/00 C07D235/00 C07D249/00 C07D257/00 C07D521/00 (Core/Invention)**International class (IPC 1-7):** A01N37/18 A01N37/22 A01N37/26 A01N43/36 A01N43/50 A01N43/64 A01N43/66 A01N9/20 A01N9/22 C07C103/20 C07C103/32 C07C103/34 C07C103/375 C07C103/72 C07C103/76 C07D207/32 C07D207/34 C07D231/10 C07D231/12 C07D231/16 C07D233/54 C07D233/56 C07D233/60 C07D233/61 C07D233/68 C07D247/00 C07D249/04 C07D249/08 C07D249/10 C07D255/02 C07D257/04 C07D295/12

CPC: A01N43/36 A01N43/50 A01N43/56 A01N43/653 A01N43/713 C07D207/325 C07D231/12 C07D233/56 C07D233/68 C07D249/08 C07D257/04 A01N43/64 C07D235/14 C07D235/24

European class: 124BG12B2B3C A01N43/36 A01N43/50 A01N43/56 A01N43/64 A01N43/653 A01N43/713 C07D207/325 C07D231/12 C07D233/56 C07D233/68 C07D235/14 C07D235/24 C07D249/08 C07D257/04

US class: 504/261 504/274 504/275 504/280 504/283 548/253 548/255 548/267.6 548/338.1 548/375.1 548/561 71/920

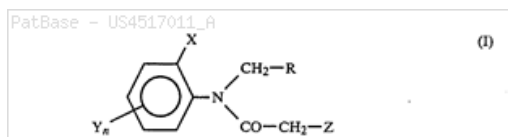
[Classification Explorer](#)

Cited documents: US4055410 A, US3907544 A, US3901917 A, US3832383 A, US3819661 A, US3547620 A, DE2648008 A1, DE2405510 A1,

Forward Citations: WO8000701, WO13104478, WO05035509, US9079862, US5250503, US4599427, US4593104, US4565565, US4295876, JP55045695, EP0229966, EP0123327, EP0106243, EP0048373, EP0048372, EP0029011, EP0024017, EP0024017, EP0019742, EP0019742, EP0019171, EP0013361, EP0013361, EP0013360, EP0013360, EP0012216, EP0010166, EP0010163, EP0010159, EP0009693, EP0009091, EP0008649, EP0008091, EP0008057, EP0007575, EP0007080, EP0006542, EP0006542, EP0006541, EP0006541, DE3419050, CN104926727, CN104039768,

Abstract:

The invention relates to new N-substituted halogenoacetanilides of the general formula (I) in which R represents an optionally substituted N-containing heterocyclic radical, X and Y which may be identical or different, each represent alkyl, Z represents halogen and n represents 0, 1 or 2, and their acid addition salts and metal salt complexes, to a process for the preparation of the new compounds and to their use as herbicides.



Title: Tetrahydrofuran-ether compounds and herbicidal compositions
Priority: DE19772709144 19770303 CH19780002234 19780301 CA19780298037 19780302
Family:

Publication number	Publication date	Application number	Application date
AT146578 A	19800115	AT19780001465	19780301
AT358321 B	19800910	AT19780001465	19780301
AU197833676 A1	19790906	AU19780033676	19780228
BE864489 A	19780904	BE19780185612	19780302
BR7801261 A	19781031	BR19780001261	19780302
CA1105476 A1	19810721	CA19780298037	19780302
CH633548 A	19821215	CH19780002234	19780301
CH635090 A	19830315	CH19820003936	19820625
CS197316 B2	19800430	CS19780001298	19780301
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ES469217 A1	19781116	ES19780469217	19780427
FR2382448 A1	19780929	FR19780005964	19780302
FR2382448 B1	19821112	FR19780005964	19780302
GB1567443 A	19800514	GB19780007882	19780228
HU178439 P	19820528	HU1978BA03635	19780302
IL54150 A0	19780430	IL19780054150	19780228
IL54150 A1	19820331	IL19780054150	19780228
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JP53108965 A2	19780922	JP19780022167	19780301
NL7802248 A	19780905	NL19780002248	19780301
PL107559 B1	19800229	PL19780204991	19780301
PL204991 A1	19781120	PL19780204991	19780301
PT67718 A	19780301	PT19780067718	19780228
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Probable Assignee: BAYER AG

Assignee(s):(std): BAYER TE LEVERKUSEN BAYERWERK AG ; BAYER AG

Assignee(s): BAYER AG DE ; BAYER AKTIENGESELLSCHAFT ; BAYER A G ; BAYER AKTIENGESELLSCHAFT TE LEVERKUSEN BAYERWERK B ; BAYER AKTIENGESELLSCHAFT TE LEVERKUSEN BAYERWERK BONDSREPUBLIC DUTS LAND ; SCHMIDT THOMAS ; DRABER WILFRIED ; EUE LUDWIG ; SCHMIDT ROBERT R

Inventor(s):(std): BUIRUFURIITO DORABERU ; DRABER W ; DRABER WILFRIED ; DRABER WILFRIED DE ; EUE L ; EUE LUDWIG ; EUE LUDWIG DE ; L EUE ; LUDWIG EUE ; LYUDVIG JOE DT ; R R SCHMIDT ; ROBERT R SCHMIDT ; ROBERT RSHMIDT DT ; ROBERT RUDOLF SCHMIDT ; ROBERUTO ERU SHIYUMITSUTO ; RUUTOBUITSUHI OIE ; SCHMIDT R ; SCHMIDT R R ; SCHMIDT ROBERT R ; SCHMIDT ROBERT RUDOLF ; SCHMIDT T ; SCHMIDT THOMAS ; SCHMIDT THOMAS DE ; T SCHMIDT ; THOMAS SCHMIDT ; TOMAS SHMIDT DT ; TOOMASU SHIYUMITSUTO ; VILFRID DRABER DT ; W DRABER ; WILFRIED DRABER ; SHMIDT TOMAS ; SHMIDT ROBERT R ; SCHMIDT THOMAS DR ; SCHMIDT ROBERT RUDOLF DR ; JOE LYUDVIG ; EUE LUDWIG DR ; DRABER WILFRIED DR ; DRABER VILFRID

Inventor(s): ROBERT R SHMIDT DT ; RUDOLF DR SCHMIDT ROBERT

Agent(s): FETHERSTONHAUGH AND CO; REINHOLD COHN AND PARTNERS

International class (IPC 8-9): A01N43/08 A01P13/00 C07C43/178 C07D307/20 (Advanced/Invention); A01N43/02 A01P13/00 C07C43/00 C07D307/00 (Core/Invention)

International class (IPC 1-7): A01N43/08 A01N43/30 A01N9/12 A01N9/28 C07D307/10 C07D307/20 C07D407/12

CPC: A01N43/08 C07C43/1786 C07D307/20

European class: A01N43/08 C07C43/178N C07D307/20

US class: 504/296 504/299 549/435 549/475

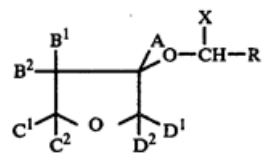
[Classification Explorer](#)

Cited documents: US3318916 A, US3046191 A, US2421569 A,

Forward Citations: USRE30574, US5047518, US4670041, US4579582, US4521240, US4497649, US4493936, US4439225, US4429119, US4400198, US4388104, US4356023, US4330320, US4289884, JP4592424, JP2006514958, FR2471979, EP0264978, DE3329878,

Abstract:

New tetrahydrofuran-ether compounds of the formula (I) in which A is hydrogen, alkyl, alkenyl, alkynyl, cycloalkyl, phenyl, or substituted phenyl, B1, B2, C1, C2, D1 and D2, which are selected independently of one another, each represent hydrogen, alkyl, haloalkyl, alkoxyalkyl, phenyl, or substituted phenyl, R is aryl or substituted aryl; and X is hydrogen, alkyl, alkenyl, alkynyl, haloalkyl, phenyl, or substituted phenyl; EXHIBIT POWERFUL HERBICIDAL, ESPECIALLY SELECTIVELY HERBICIDAL, PROPERTIES AND ARE PARTICULARLY USEFUL AS GRASS HERBICIDES.



(I)

Title: Coffee machine
Priority: IT19780021703U 19780503
Family:

Publication number	Publication date	Application number	Application date
BE875987 A	19791105	BE19790194948	19790502
CA1093855 A1	19810120	CA19790326767	19790502
CH632916 A	19821115	CH19790004065	19790501
DE7908095 U1	19790628	DE19790008095U	19790322
FR2424726 A1	19791130	FR19790011059	19790502
FR2424726 B1	19870430	FR19790011059	19790502
GB2020168 A1	19791114	GB19790015308	19790502
GB2020168 B2	19821027	GB19790015308	19790502
IT7821703 U0	19780503	IT19780021703U	19780503
JP54161781 U1	19791112	JP19790049498U	19790416
JP59041772 Y2	19841204	JP19790049498U	19790416
LU81211 A	19791206	LU19790081211	19790502
NL190264 B	19930802	NL19790003420	19790502
NL190264 C	19940103	NL19790003420	19790502
NL7903420 A	19791106	NL19790003420	19790502
SE444637 B	19860428	SE19790003830	19790502
SE444637 C	19860807	SE19790003830	19790502
SE7903830 A	19791104	SE19790003830	19790502
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US4253385 A	19810303	US19790033815	19790427

Probable Assignee: ILLY CAFFE S P A
Assignee(s):(std): ILLY CAFFE S P A ; ILLY ERNESTO ; ILLYCAFFE S P A TE TRIESTE ITALIE ; ILLYCAFFE S P A TE TRIESTE ITALIE ; ILLYCAFFE SPA
Assignee(s): ILLYCAFFE S P A
Inventor(s):(std): ILLY ERNESTO ; ILLY ERNESTO DR ; ILLY E ; E ILLY ; DR ERNESTO ILLY
International class (IPC 8-9): A47J31/24 A47J31/36 A47J31/40 (Advanced/Invention); A47J31/24 A47J31/40 (Core/Invention)
International class (IPC 1-7): A47J31/043 A47J31/057 A47J31/10 A47J31/14 A47J31/24 A47J31/36 A47J31/40 A47J31/44
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US class: 99/281 99/295

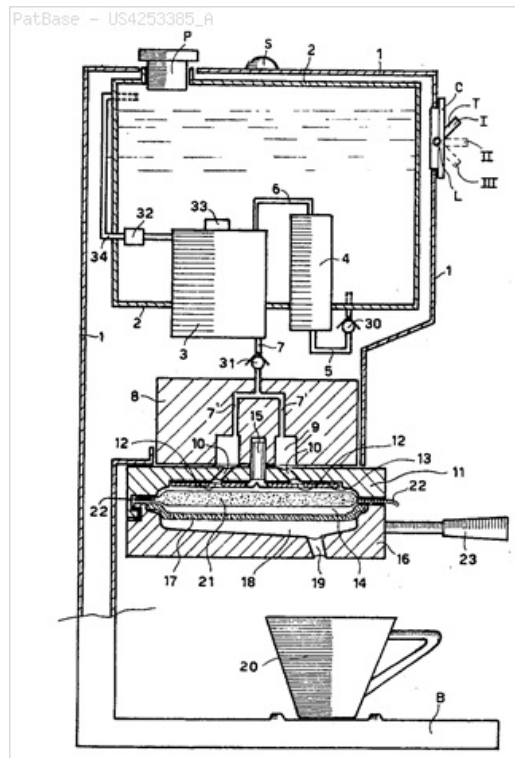
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Cited documents: US3583308 A, US3450024 A, US3423209 A, US3278087 A, US3098424 A, US3085495 A, US2935011 A, US2715868 A, IT314618 A, GB598639 A, GB1032161 A, CH458099 A,

Forward Citations: WO8402639, WO14080097, WO13150199, WO12072764, WO12072761, WO11144723, WO10037806, WO07008067, WO05072575, WO02074144, WO02074144, USD647399, USD647398, USD637484, US9974410, US9930987, US9907432, US9907425, US9844292, US9828153, US9795243, US9730547, US9725231, US9723944, US9668606, US9572452, US9555957, US9451847, US9386877, US9357872, US9351600, US9271597, US9242790, US9232872, US9232871, US9179797, US9173408, US9113747, US9113654, US9101163, US9084509, US9066624, US9049960, US9027467, US8998037, US8974846, US8973485, US8967038, US8950317, US8887622, US8852659, US8850960, US8820213, US8800433, US8794125, US8771768, US8720320, US8695484, US8671827, US8621981, US8567304, US8434401, US8418601, US8361527, US8291812, US8245628, US8168247, US7832328, US7827905, US7748311, US7730829, US7685932, US7669518, US7607385, US7455011, US7383763, US7350456, US7347137, US6758130, US5992298, US5870943, US5755149, US5111740, US5027696, US4829889, US4505191, US4429623, US4421014, US4353293, US2017020328, US2015297018, US2015257586, US2015190010, US2015173558, US2015135966, US2014370164, US2014150991, US2012189742, US2012186293, US2011162531, US2011117248, US2011113969, US2011100229, US2011100228, US2011033580, US2010300301, US2010263550, US2010263547, US2010263543, US2010247714, US2010192779, US2010147873, US2010147872, US2010147157, US2010126356, US2010078446, US2009317518, US2009178571, US2009094353, US2009071344, US2009007797, US2009000488, US2008223218, US2008184895, US2008141865, US2008050488, US2007169635, US2007128318, US2006266222, US2006130666, US2005287251, US2005247204, US2005235834, US2005189439, US2005153027, US2005139083, US2005103202, US2004197444, US2004115310, TWI352585, JP58136037, JP2015525591, GB2525006, GB2525006, GB2437483, GB2437483, GB2362634, GB2215189, FR2896392, ES2130888, EP2529648, EP2236062, EP1810600, EP1810600, EP0934719, EP0666045, EP0663805, EP0663805, EP0607159, EP0151252, DE102006010178, DE102005055182, DE102005055182, DE102004046455, DE102004046435, AU2014353084, AU2002344962,

Abstract:

The invention relates to a **coffee** brewing machine which is particularly suitable for family use and for a small commercial establishment, such as a refreshment room. The machine extracts the **coffee** beverage from a pod which contains ground **coffee** and is housed in a chamber defined by an upper block and by a removable lower box, between a jet-forming member fixed to the upper block and a **filter** housed in the removable lower box. It includes a water container, a heater and a pump which supplies the **water** to the chamber at the proper temperature and pressure. In the chamber the water penetrates the pod and extracts the **coffee** beverage therefrom and then the **coffee** beverage flows out of the machine.



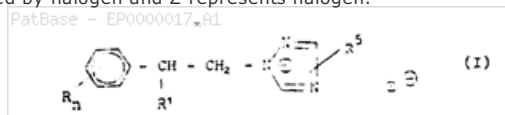
Title: 1-(2-Phenylethyl)-triazolium salts, their preparation and their use as fungicides.
Priority: DE19772725314 19770604 DE19782861233 19780601 CA19780304664 19780602
Family:

Publication number	Publication date	Application number	Application date
AU197836848 A1	19791213	AU19780036848	19780606
BR7803551 A	19790220	BR19780003551	19780602
CA1100976 A1	19810512	CA19780304664	19780602
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DE2725314 B	00000000		00000000
DE2861233 D1	19811210	DE19782861233	19780601
DK248378 A	19781205	DK19780002483	19780602
EP0000017 A1	19781220	EP19780100029	19780601
EP0000017 B1	19810930	EP19780100029	19780601
ES470458 A1	19790101	ES19780470458	19780602
IL54840 A0	19780831	IL19780054840	19780601
IL54840 A1	19820331	IL19780054840	19780601
IT7824171 A0	19780602	IT19780024171	19780602
JP54003070 A2	19790111	JP19780064998	19780601
PL109267 B1	19800531	PL19780207336	19780602
PL207336 A1	19790226	PL19780207336	19780602
PT68100 A	19780601	PT19780068100	19780529
TR19791 A	19791219	TR19780019791	19780530
ZA7803176 A	19790627	ZA19780003176	19780602

Probable Assignee: BAYER AG
Assignee(s):(std): BAYER AG
Assignee(s): BAYER AG DE ; BAYER AKTIENGESSELLSCHAFT ; BRANDES WILHELM ; FROHBERGER PAUL ERNST ; TIMMLER HELMUT ; KRAMER WOLFGANG ; BUCHEL KARL H ; BAYER A G
Inventor(s):(std): BUCHEL KARL HEINZ ; BUECHEL K ; BUECHEL K H ; BUECHEL KARL H ; BUECHEL KARL HEINZ PROF DR ; BUIRUHERUMU BURANDESU ; BUORUFUGANGU KUREEMERU ; BRANDES W ; BRANDES WILHELM ; BRANDES WILHELM DIPL LANDW DR ; BUCHEL K ; FROHBERGER P ; FROHBERGER P E ; FROHBERGER PAUL ERNST ; FROHBERGER PAUL ERNST DR ; HERUMUUTO TSUIMURERU ; KARURU HAINTSU BIYUUHIERU ; KRAEMER W ; KRAEMER WOLFGANG ; KRAEMER WOLFGANG DR ; KRAMER W ; KRAMER WOLFGANG ; PAURUUERUNSUTO FURROBERUGERU ; TEMMLER H ; TIMMLER H ; TIMMLER HELMUT ; TIMMLER HELMUT DR ; KRAMER WOLFGANG DR ; BUCHEL KARL HEINZ PROF DR ; BRANDES WILHELM DR
Inventor(s): BUCHEL KARL HEINZ PROFDR ; WILHELM BRANDES ; WOLFGANG KRAMER ; TIMMLER HELMUT DE ; PAUL ERNST FROHBERGER ; KRAEMER WOLFGANG DE ; KARL HEINZ BUCHEL ; HELMUT TIMMLER ; FROHBERGER PAUL ERNST DE ; BUCHEL KARL H ; BRANDES WILHELM DE ; DIPL LANDW DR BRANDES WILHELM
Agent(s): FETHERSTONHAUGH AND CO ; REINHOLD COHN AND PARTNERS
Designated states: BE CH DE FR GB NL SE
International class (IPC 8-9): A01N43/64 A01N43/653 C07D249/08 C07D521/00 (Advanced/Invention); A01N43/64 C07D249/00 C07D521/00 (Core/Invention)
International class (IPC 1-7): A01N21/00 A01N43/64 A01N9/12 A01N9/22 C07D249/08
CPC: A01N43/653 C07D231/12 C07D233/56 C07D249/08
European class: A01N43/653 C07D231/12 C07D233/56 C07D249/08
[Classification Explorer](#)
Cited documents: FR2323689 A1,
Forward Citations: WO9408978, WO13024076, US9295259, US9247747, US9247746, US9173402, US9137996, US4992458, JP2085265, EP0275955, EP0195116, EP0195116, EP0130366, EP0061789, EP0027177, EP0025581, AU672059,

Abstract:

1. 1-(2-Phenylethyl)-triazolium salts of the general formula see diagramm: EP0000017,P19,F1 in which R represents halogen, alkyl with 1 to 4 carbon atoms and phenyl or phenoxy optionally substituted by halogen, n represents integers from 0 to 3, R**1 represents the group -O-R**2, alkylmercapto or alkylcarbonyloxy with in each case 1 to 4 carbon atoms in the alkyl part, R**2 represents alkenyl with 2 to 4 carbon atoms and benzyl optionally substituted by halogen, R**3 represents alkyl with 1 to 6 carbon atoms, pinacolyl and benzyl or benzoylmethyl optionally substituted by halogen and Z represents halogen.



Title: N-acylmethyl-chloroacetanilides, process for their preparation and their use as herbicides.

Priority: DE19772726253 19770610 DE19782860162 19780605

Family:	Publication number	Publication date	Application number	Application date
	AU197836773 A1	19791206	AU19780036773	19780601
	BR7803711 A	19790116	BR19780003711	19780609
	CS196431 B2	19800331	CS19780003785	19780609
	DD137878 C	19791003	DD19780205796	19780605
	DE2726253 A1	19781221	DE19772726253	19770610
	DE2726253 B	00000000		00000000
	DE2860162 D1	19801218	DE19782860162	19780605
	DK258478 A	19781211	DK19780002584	19780609
	EP0000051 A1	19781220	EP19780100091	19780605
	EP0000051 B1	19800917	EP19780100091	19780605
	ES470665 A1	19790201	ES19780470665	19780609
	IL54872 A0	19780831	IL19780054872	19780607
	IL54872 A1	19810913	IL19780054872	19780607
	IT7824355 A0	19780608	IT19780024355	19780608
	JP54005926 A2	19790117	JP19780068397	19780608
	NZ187478 A	19791101	NZ19780187478	19780607
	PL109941 B1	19800630	PL19780207470	19780608
	PL207470 A1	19790226	PL19780207470	19780608
	PT68147 A	19780701	PT19780068147	19780606
	TR19764 A	19791130	TR19780019764	19780606
	ZA7803329 A	19790627	ZA19780003329	19780609

Probable Assignee: BAYER AG

Assignee(s):(std): BAYER A G ; BAYER AG ; BAYER AG DE

Assignee(s): BAYER AKTIENGESSELLSCHAFT

Inventor(s):(std): ERIK REGEL ; ERITSUKU REEGERU ; EUE L ; EUE LUDWIG ; EUE LUDWIG DE ; EUE LUDWIG DR ; LUDWIG EUE ; REGEL E ; REGEL ERIK ; REGEL ERIK DE ; REGEL ERIK ING GRAD ; ROBERT RUDOLF SCHMIDT ; ROBERUTO RUDORUFU SHIYUMITSUTO ; RUUTOBUIITSUHI OIE ; SCHMIDT R ; SCHMIDT R R ; SCHMIDT ROBERT ; SCHMIDT ROBERT R ; SCHMIDT ROBERT RUDOLF ; SCHMIDT ROBERT RUDOLF DR ; SCHMIDT RR

Inventor(s): SCHMIDT ROBERT R DE ; SCHMIDT ROBERT DE ; RUDOLF DR SCHMIDT ROBERT

Agent(s): REINHOLD COHN AND PARTNERS

Designated states: BE CH DE FR GB NL SE

International class (IPC 8-9): A01N37/18 A01N37/22 A01N37/26 A01N37/46 A01N41/06 A01N41/10 C07C231/00 C07C231/02 C07C233/47 C07C233/88 C07C253/00 C07C255/60 C07C301/00 C07C303/40 C07C311/46 C07C313/00 C07C315/04 C07C317/32 C07C317/40 C07C317/50 C07C323/41 C07C323/63 C07C323/65 C07C323/67 C07C67/00 (Advanced/Invention); A01N37/18 A01N37/22 A01N37/26 A01N37/44 A01N41/00 C07C231/00 C07C233/00 C07C253/00 C07C255/00 C07C301/00 C07C303/00 C07C311/00 C07C313/00 C07C315/00 C07C317/00 C07C323/00 C07C67/00 (Core/Invention)

International class (IPC 1-7): A01N37/18 A01N37/22 A01N9/12 A01N9/14 A01N9/16 A01N9/20 C07C102/00 C07C103/42 C07C121/52 C07C121/78 C07C143/80 C07C147/06 C07C147/12 C07C97/10

CPC: A01N37/22 A01N37/26 A01N37/46 A01N41/06 A01N41/10

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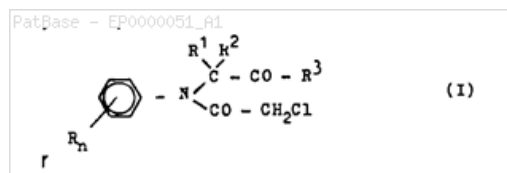
[Classification Explorer](#)

Cited documents: US3966811 A, FR2216916 A1,

Forward Citations: US5556829, US5336664, US4260410, EP0454067, EP0143078, EP0056589, EP0035638, EP0035638, EP0010715, EP0006542, EP0006542, EP0006541, EP0006541,

Abstract:

1. N-Alcylmethyl-chloroacetanilides of the formula see diagramm: EP0000051,P12,F1 in which R represents alkyl, halogen, halogenoalkyl, alkylthio, alkylsulphonyl, aminosulphonyl, cyano or nitro, R**1 and R**2 are identical or different and represent hydrogen, alkyl, halogen, halogenoalkyl or optionally substituted phenyl, R**3 represents alkyl or optionally substituted phenyl and n represents integers from 0 to 5.

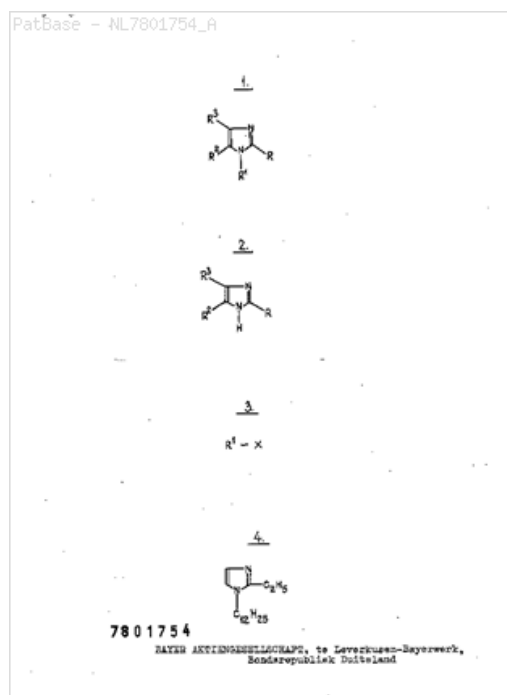


Title: Agents for regulating plant growth**Priority:** DE19772706838 19770217**Family:**

Publication number	Publication date	Application number	Application date
AT116678 A	19790415	AT19780001166	19780217
AT353296 B	19791112	AT19780001166	19780217
AU197833288 A1	19790823	AU19780033288	19780214
BE864011 A	19780816	BE19780185215	19780216
BR7800926 A	19790102	BR19780000926	19780216
DE2706838 A1	19780824	DE19772706838	19770217
DE2706838 B	00000000		00000000
DK68778 A	19780818	DK19780000687	19780216
FR2380731 A1	19780915	FR19780004405	19780216
GB1569241 A	19800611	GB19780006211	19780216
IL54046 A0	19780430	IL19780054046	19780214
IT7820258 A0	19780213	IT19780020258	19780213
JP53101533 A2	19780905	JP19780015496	19780215
NL7801754 A	19780821	NL19780001754	19780216
US4140518 A	19790220	US19780872989	19780127
ZA7800921 A	19790131	ZA19780000921	19780216

Probable Assignee: BAYER AG**Assignee(s):(std):** BAYER AG ; BAYER TE LEVERKUSEN BAYERWERK AG**Assignee(s):** BAYER AKTIENGESellschaft TE LEVERKUSEN BAYERWERK BONDSREpubliek DUITSLAND ; BAYER AKTIENGESellschaft ; BAYER AKTIENGESellschaft TE LEVERKUSEN BAYERWERK B ; BAYER A G**Inventor(s):(std):** HOLTSCHMIDT U ; HOLTSCHMIDT ULRICH ; HOLTSCHMIDT ULRICH DR ; LUERSSEN K ; LUERSSEN KLAUS DR ; LURSSSEN KLAUS ; SCHWARZMANN GUENTER DR ; SCHWARZMANN GUNTER ; ULRICH HOLTSCHMIDT ; URURITSUHI HORUTOSHIYUMITSUTO ; SCHWARZMANN G ; LURSSSEN K ; KURASU RIYUURUSEN ; KLAUS LURSSSEN ; HOLTSCHMIDT U ; GUNTER SCHWARZMANN ; GIYUNTERU SHIYUBUARUTSUMAN**International class (IPC 8-9):** A01N43/50 C07D233/58 C07D521/00 (Advanced/Invention); A01N43/48 C07D233/00 C07D521/00 (Core/Invention)**International class (IPC 1-7):** A01N43/50 A01N5/00 A01N9/22 C07D233/58**CPC:** A01N43/50 C07D231/12 C07D233/56 C07D249/08**European class:** A01N43/50 C07D231/12 C07D233/56 C07D249/08**US class:** 504/180 504/185 504/275[Classification Explorer](#)**Cited documents:** US2710870 A,**Forward Citations:** WO9119699, US4328028, US4227912, JP62187403, JP2006347894, JP1943362, EP0513878, EP0513878, EP0260429, EP0003211,**Abstract:**

Novel imidazole derivatives, the use of certain imidazole derivatives as plant growth regulants and the preparation of certain new imidazole derivatives.



Title: Plant growth regulating compositions and methods using alpha-isocyanocarboxylic acid compounds
Priority: DE19772751782 19771119 CA19780314581 19781027 DE19782860121 19781104
Family:

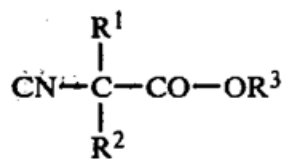
Publication number	Publication date	Application number	Application date
AT360054 B	19801229	AT19780008228	19781117
AT822878 A	19800515	AT19780008228	19781117
AU197841688 A1	19790524	AU19780041688	19781117
BR7807545 A	19790724	BR19780007545	19781117
CA1119827 A1	19820316	CA19780314581	19781027
CS201518 B2	19801128	CS19780007495	19781116
DD140106 A5	19800213	DD19780209021	19781110
DE2751782 A1	19790523	DE19772751782	19771119
DE2751782 B	00000000		00000000
DE2860121 D1	19801127	DE19782860121	19781104
DK513378 A	19790520	DK19780005133	19781117
EP0002013 A1	19790530	EP19780101305	19781104
EP0002013 B1	19800806	EP19780101305	19781104
IL55963 A0	19790131	IL19780055963	19781116
IL55963 A1	19811130	IL19780055963	19781116
IT1101707 A	19851007	IT19780029895	19781117
IT7829895 A0	19781117	IT19780029895	19781117
JP54080878 A2	19790627	JP19780141237	19781117
NZ188930 A	19801024	NZ19780188930	19781116
OA6102 A	19810630	OA19780056661	19781116
PH13434 A	19800423	PH19780021815	19781116
PL110893 B1	19800830	PL19780211046	19781118
PL211046 A1	19790618	PL19780211046	19781118
PT68798 A	19781201	PT19780068798	19781117
TR19985 A	19800509	TR19780019985	19781117
US4239528 A	19801216	US19780955436	19781027
ZA7806470 A	19791031	ZA19780006470	19781117

Probable Assignee: BAYER AG
Assignee(s):(std): BAYER A G ; BAYER AG ; BAYER AG DE
Assignee(s): BAYER AKTIENGESellschaft ; LURSSEN KLAUS ; SCHRODER ROLF
Inventor(s):(std): KLAUS LURSSEN ; KURASU RIYUURUSEN ; LUERSSEN K ; LURSSEN K ; ROLF SCHRODER ; RORUFU SHIYUREEDERU ; SCHRODER R ; SCHROEDER R ; SCHROEDER ROLF DR ; SCHROEDER ROLF ; LUERSSEN KLAUS DR ; LUERSSEN KLAUS ; SCHRODER ROLF DR ; SCHRODER ROLF ; LURSSEN KLAUS DR ; LURSSEN KLAUS
Inventor(s): SCHROEDER ROLF DE ; LUERSSEN KLAUS DE
Agent(s): FETHERSTONHAUGH AND CO; REINHOLD COHN AND PARTNERS
Designated states: BE CH DE FR GB NL SE
International class (IPC 8-9): A01N33/00 A01N37/34 A01N37/44 A01N47/40 A01N53/00 (Advanced/Invention); A01N33/00 A01N37/44 A01N47/40 A01N53/00 (Core/Invention)
International class (IPC 1-7): A01N33/00 A01N35/10 A01N37/34 A01N47/40 A01N5/00 A01N53/00 A01N9/00 A01N9/20 C07C121/00
CPC: A01N47/40 A01N53/00
European class: A01N47/40 A01N53/00
US class: 504/171 504/182 504/186 504/309 504/362 504/367 558/302 71/105
[Classification Explorer](#)
Cited documents: US4118412 A, US4098600 A, US4083863 A, US3773824 A, US3673237 A, US3277171 A, US2749231 A, FR2013975 A1, FR1216998 A, DE2349108 A1, DE2063502 A1, DE2043666 A1,
Forward Citations: WO8701290, WO13039937, WO12087980, US4740228, US4735793,

Abstract:

Alpha-isocyanocarboxylic acid compounds of the formula wherein R1 and R2, which can be identical or different, each represent hydrogen, alkyl, alkenyl, aryl, aralkyl or carbalkoxy or R1 and R2 together represent an alkylene chain with at least 2 carbon atoms and R3 is hydrogen, alkyl, aryl, aralkyl or carbalkoxyalkyl, or, provided that R1 and R2 are both hydrogen, R3 is an alkali metal ion, are outstandingly effective in plant growth regulant compositions, e.g., in growth inhibition stimulation or modification.

PatBase - US4239528_A



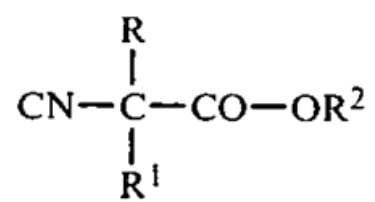
Title: Novel alpha -isocyanocarboxylic acid compounds and plant growth regulant compositions
Priority: DE19772751783 19771119 CA19780314682 19781030 DE19782860381 19781104
Family:

Publication number	Publication date	Application number	Application date
AT361017 B	19810210	AT19780008227	19781117
AT822778 A	19800715	AT19780008227	19781117
AU197841689 A1	19790524	AU19780041689	19781117
BR7807547 A	19790724	BR19780007547	19781117
CA1114836 A1	19811222	CA19780314682	19781030
CS201519 B2	19801128	CS19780007496	19781116
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DE2751783 A1	19790523	DE19772751783	19771119
DE2751783 B	00000000		00000000
DE2860381 D1	19810319	DE19782860381	19781104
DK513178 A	19790520	DK19780005131	19781117
EP0002014 A1	19790530	EP19780101306	19781104
EP0002014 B1	19810128	EP19780101306	19781104
ES475189 A1	19790416	ES19780475189	19781117
GR72770 B	19831205	GR19780157670	19781117
IL55962 A0	19790131	IL19780055962	19781116
IL55962 A1	19820930	IL19780055962	19781116
IT1101706 A	19851007	IT19780029894	19781117
IT7829894 A0	19781117	IT19780029894	19781117
JP54079230 A2	19790625	JP19780141236	19781117
NZ188929 A	19800508	NZ19780188929	19781116
OA6103 A	19810630	OA19780056660	19781116
PL110796 B1	19800731	PL19780211045	19781118
PL211045 A1	19790618	PL19780211045	19781118
PT68799 A	19781201	PT19780068799	19781117
RO79084 P	19820625	RO19780095687	19781115
TR20095 A	19800708	TR19780020095	19781117
US4292072 A	19810929	US19780955435	19781027
ZA7806469 A	19791031	ZA19780006469	19781117

Probable Assignee: BAYER AG
Assignee(s):(std): BAYER AG ; BAYER AG DE
Assignee(s): BAYER AKTIENGESSELLSCHAFT ; BAYER DE AG ; SCHRODER ROLF ; LURSSSEN KLAUS ; BAYER A G
Inventor(s):(std): KLAUS LURSSSEN ; KURASU RIYUURUSEN ; LUERSSSEN K ; LUERSSSEN KLAUS ; LURSSSEN K ; LURSSSEN KLAUS DE ; ROLF SCHRODER ; RORUFU SHIYUREDERU ; SCHRODER R ; SCHRODER ROLF DE ; SCHROEDER R ; SCHROEDER ROLF ; SCHROEDER ROLF DR ; SCHRODER ROLF DR ; SCHRODER ROLF ; LURSSSEN KLAUS DR ; LURSSSEN KLAUS ; LUERSSSEN KLAUS DR
Inventor(s): SCHROEDER ROLF DE ; LUERSSSEN KLAUS DE
Agent(s): FETHERSTONHAUGH AND CO; REINHOLD COHN AND PARTNERS
Designated states: BE CH DE FR GB NL SE
International class (IPC 8-9): A01N35/10 A01N37/00 A01N37/34 A01N37/44 A01N47/40 A01N53/00 C07C241/00 C07C255/32 C07C291/10 C07C67/00 (Advanced/Invention); A01N35/00 A01N37/00 A01N37/34 A01N37/44 A01N47/40 A01N53/00 C07C241/00 C07C255/00 C07C291/00 C07C67/00 (Core/Invention); A01N C07C (Subclass/Invention)
International class (IPC 1-7): A01N35/10 A01N37/00 A01N37/34 A01N37/44 A01N47/40 A01N5/00 A01N53/00 A01N9/20 C07C118/00 C07C119/02 C07C119/04 C07C121/40 C07C121/407 C07C121/46 C07C121/66
CPC: C07C251/00
European class: C07C251/00
US class: 504/171 504/182 504/186 504/309 558/302
[Classification Explorer](#)
Cited documents: US4118412 A, US4098600 A, US4083863 A, US3853952 A, US3773824 A, US3673237 A, US3597469 A, US3584037 A, US3277171 A, US2749231 A, DE2405819 A1, DE2349108 A1, DE2218009 A1, DE2147707 A1, DE2043666 A1,
Forward Citations: WO13039937, WO12087980, JP6164610, JP2015042622, EP0009710,

Abstract:

New salts of alpha -isocyanocarboxylic acid of the formula wherein R is alkyl or phenyl, R1 is hydrogen, alkyl or phenylalkyl or R and R1 together represent an alkylene chain with at least 2 carbon atoms, and R2 is an alkali metal ion are provided. Such compounds are particularly efficacious in plant growth regulant activity and are more effective than conventional materials such as tri-n-butyl-tri-thiophosphoric acid ester and 2-chloroethanesulphonic acid.



Title:

ACTIVATED CARBON FILTER TO PURIFY TAP WATER FOR DRINKING - PERCOLATES AT ATMOS. PRESSURE USING GRAVITY AND CAN BE USED ON DINING TABLE

Priority:

FR19770016962 19770603

Family:

Publication number	Publication date	Application number	Application date
FR2392940 A1	19781229	FR19770016962	19770603

Probable Assignee:

DEMERSON JEAN

Assignee(s):(std):

DEMERSON JEAN

International class (IPC 8-9):

C02F1/00 (Advanced/Invention);
C02F1/00 (Core/Invention)

International class (IPC 1-7):

C02B7/00

CPC:

C02F1/003 C02F2307/04

European class:

C02F1/00D4 M02F307/04

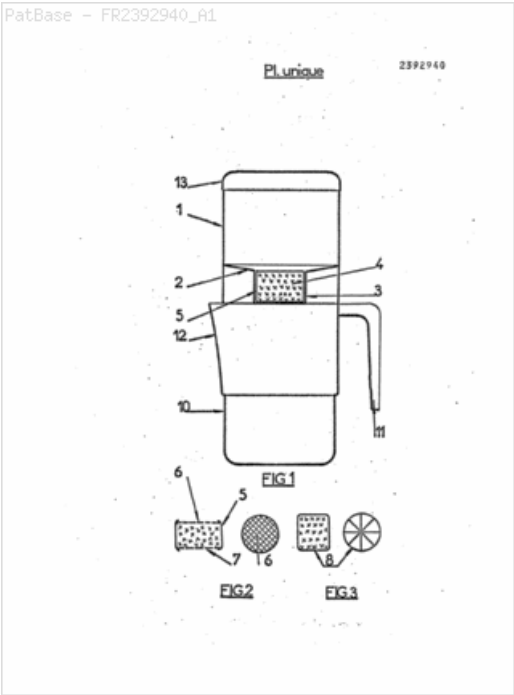
Classification Explorer

Forward Citations:

US4948499, US4828692, EP0235315, EP0161467, EP0019794, DE3413948, DE2919901,

Abstract:

The water is passed through a bed of activated carbon granules. The water is allowed to percolate through the bed by gravity alone and at atmos. pressure. The unit pref. comprises two containers which fit one on top of the other. The upper container has a pocket to hold a bed of activated carbon, pref. made up as an easily renewable cartridge. The lower container is used to collect purified water and is conveniently jug shaped. The activated carbon is pref. in granule form of size 0.5-2.0 mm. Process eliminates objectionable odours and flavours, esp. as a table filter for mains water. Used also to purify water for making tea and coffee.



Title: Novel dichloromaleic acid diamide derivatives and their use as fungicides

Priority: DE19782807662 19780223 DE19802076622U 19780223 US19790008145 19790131
DE19792960330 19790213 CA19790322073 19790222

Family:	Publication number	Publication date	Application number	Application date
	AU197944501 A1	19790830	AU19790044501	19790222
	BR7901159 A	19791009	BR19790001159	19790222
	CA1143742 A1	19830329	CA19790322073	19790222
	DE2807662 A1	19790830	DE19782807662	19780223
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	DE2960330 D1	19810820	DE19792960330	19790213
	DK78079 A	19790824	DK19790000780	19790222
	EP0003975 A1	19790919	EP19790100426	19790213
	EP0003975 B1	19810513	EP19790100426	19790213
	ES477970 A1	19790701	ES19790477970	19790222
	IL56706 A0	19790531	IL19790056706	19790220
	IL56706 A1	19820228	IL19790056706	19790220
	JP54122221 A2	19790921	JP19790018528	19790221
	PH15352 A	19821202	PH19790022200	19790215
	PL213590 A1	19791105	PL19790213590	19790221
	PT69250 A	19790301	PT19790069250	19790219
	US4246279 A	19810120	US19790008145	19790131
	US4279921 A	19810721	US19800123868	19800222
	ZA7900837 A	19800326	ZA19790000837	19790222

Probable Assignee: BAYER AG

Assignee(s):(std): BAYER AG ; BAYER AG DE

Assignee(s): BAYER AKTIENGESellschaft ; BLANK HEINZ U ; BONSE GERHARD ; PAUL VOLKER ; BRANDES WILHELM ; BAYER A G

Inventor(s):(std): BLANK HEINZ ULRICH DIPL CHEM D ; BONSE GERHARD DIPL CHEM DR ; PAUL VOLKER DIPL ING ; PAUL VOLKER DR ; BRANDES WILHELM DR ; BONSE GERHARD DR ; BONSE GERHARD ; BLANK HEINZ ULRICH DR ; BLANK HEINZ ULRICH ; BLANK HEINZ U ; VOLKER PAUL ; PAUL V ; HAINTSU URURITSUHI BURANKU ; GERU HARUTO BONZE ; FUORUKERU PAURU ; BUIRUHERUMU BURANDESU ; BRANDES W ; BONSE G ; BLANK H U ; BLANK H ; PAUL VOLKER ; BRANDES WILHELM

Inventor(s): BRANDES WILHELM DIPL LANDW DR ; GERHARD BONSE ; HEINZ ULRICH BLANK ; ULRICH DIPL CHEM DR BLANK HEINZ ; PAUL VOLKER DIPL ING AGR DR ; WILHELM BRANDES

Agent(s): ARTHUR S CAVE AND CO; FETHERSTONHAUGH AND CO; REINHOLD COHN AND PARTNERS

Designated states: BE CH DE FR GB IT NL SE

International class (IPC 8-9): A01N37/18 A01N37/20 A01N37/22 A01N37/30 A01N43/16 A01N47/02 C07C233/09 C07C233/15 C07C233/20 C07C233/27 C07C233/38 C07C253/00 C07C255/29 C07C313/00 C07C323/41 C07C67/00 C07D307/52 C07D307/54 C07D309/04 C07D309/20 (Advanced/Invention); A01N37/18 C07C253/00 C07C313/00 C07C67/00 C07D307/04 C07D307/52 C07D309/20 (Advanced/Non-invention); A01N37/18 A01N37/22 A01N37/30 A01N43/02 A01N47/02 C07C233/00 C07C253/00 C07C255/00 C07C313/00 C07C323/00 C07C67/00 C07D307/00 C07D309/00 (Core/Invention); C07D307/00 C07D309/00 (Core/Non-invention)

International class (IPC 1-7): A01N21/00 A01N37/18 A01N37/20 A01N43/08 A01N43/16 A01N7/00 A01N9/00 A01N9/20 A01N9/24 A01N9/28 C07C102/04 C07C103/58 C07C103/60 C07C103/64 C07C103/66 C07C121/417 C07C121/50 C07C149/42 C07C161/02 C07D307/04 C07D307/52 C07D307/54 C07D309/04 C07D309/20 C07D309/32

CPC: A01N37/22 A01N37/30 A01N43/16 A01N47/02 C07D307/52 C07D309/04 C07D309/20

European class: 124BG12B2B2B3C4 124BG12B2B3C 124BG12B2B3G2F 124BG12B2B9C 124BG12B2D2F 124BG12B2F5B3A1F 124BG12B2F5D2C3B A01N37/22 A01N37/30 A01N43/16 A01N47/02 C07D307/52 C07D309/04 C07D309/20

US class: 424/285 424/302 514/459 514/471 514/528 514/616 549/426 549/473 558/11 558/389 558/395 558/404 558/414 558/439 558/445 560/22 562/458 564/154 564/155 564/160

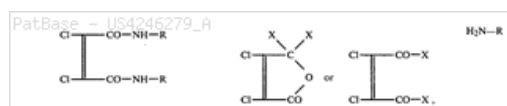
[Classification Explorer](#)

Cited documents: US2663665 A, DE2451512 A1, DE2156967 A1, DE1806291 A1,

Forward Citations: US4537781,

Abstract:

Dichloromaleic acid diamides of the formula in which R represents an optionally substituted aliphatic radical with up to 8 carbon atoms, a cycloalkyl radical with 3 to 6 carbon atoms or a substituted phenyl radical, which possess fungicidal properties, are produced by reacting a dichloromaleic halide of the formula in which X is halogen, with an amine of the formula H₂N-R in a diluent and in the presence of an acid-binding agent.



Title: Novel acyloxamides and plant growth regulant compositions
Priority: DE19772753945 19771203 DE19782860350 19781122 US19780964223 19781127
Family:

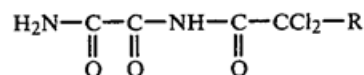
Publication number	Publication date	Application number	Application date
BR7807920 A	19790731	BR19780007920	19781201
DE2753945 A1	19790607	DE19772753945	19771203
DE2753945 B	00000000		00000000
DE2860350 D1	19810212	DE19782860350	19781122
DK546378 A	19790604	DK19780005463	19781130
EP0002455 A1	19790627	EP19780101432	19781122
EP0002455 B1	19801126	EP19780101432	19781122
IL56106 A0	19790312	IL19780056106	19781201
IT7830475 A0	19781201	IT19780030475	19781201
JP54084520 A2	19790705	JP19780147993	19781201
US4293331 A	19811006	US19790101297	19791207

Probable Assignee: BAYER AG
Assignee(s):(std): BAYER AG
Assignee(s): BAYER AKTIENGESELLSCHAFT
Inventor(s):(std): BECK GUNTHER DR ; HEITZER HELMUT DR ; LUERSSEN KLAUS DR ; LURSSSEN KLAUS DR ; LUERSSEN KLAUS ; HEITZER HELMUT ; BECK GUNTHER ; LURSSSEN K ; LUERSSEN K ; KURAUSU RIYUURUSEN ; HERUMUUTO HAITSUERU ; HEITZER H ; GIYUNTEERU BETSUKU ; BECK G
Designated states: BE CH DE FR GB NL
International class (IPC 8-9): A01N37/20 A01N37/30 A01N37/38 C07C231/00 C07C231/08 C07C233/91 C07C67/00 (Advanced/Invention); A01N37/20 (Core/Invention)
International class (IPC 1-7): A01N37/18 A01N37/20 A01N37/26 A01N5/00 A01N9/20 C07C102/00 C07C103/32 C07C103/50
CPC: A01N37/30
European class: 124BG12B2B1 A01N37/30
US class: 504/335 564/153 71/118
[Classification Explorer](#)
Cited documents: US3544305 A, FR2303473 A1, DE2550157 A1,
Forward Citations: WO13039937, WO12087980, US4406692,

Abstract:

Acyloxamide compounds of the formula in which R is chlorine, alkyl of from 1 or 2 carbon atoms or chloroalkyl of from 1 or 2 carbon atoms and 1 to 5 chlorine atoms e.g., 2,2-dichloropropionyl-oxamide and trichloroacetyl-oxamide are outstandingly effective as plant growth regulants.

PatBase - US4293331_A



Title: ORGANIC CHEMICAL COMPOUND, MICROBIOLOGICAL PROCESS FOR ITS PREPARATION, AND ITS USE AS A HERBICIDE

Priority: DE19772758008 19771224 DE19782805855 19780211 DE19782861300 19781207

Family:	Publication number	Publication date	Application number	Application date
	BR7808472 A	19790821	BR19780008472	19781222
	DE2758008 A1	19790712	DE19772758008	19771224
	DE2805855 A1	19790823	DE19782805855	19780211
	DE2861300 D1	19820114	DE19782861300	19781207
	DK579978 A	19790625	DK19780005799	19781222
	EP0002695 A2	19790711	EP19780101589	19781207
	EP0002695 A3	19790725	EP19780101589	19781207
	EP0002695 B1	19811104	EP19780101589	19781207
	IL56276 A0	19790312	IL19780056276	19781221
	JP54145293 A2	19791113	JP19780157736	19781222
	US4273571 A	19810616	US19780967930	19781208

Probable Assignee: BAYER AG

Assignee(s):(std): BAYER AG

Assignee(s): BAYER AKTIENGESELLSCHAFT

Inventor(s):(std): ROBERTO RUDORUFU SHIYUMITSUTO ; SCHAEFER D ; SCHAEFER DIETMAR ; SCHAER DIETMAR DR ; SCHMIDT D ; SCHMIDT DELF ; SCHMIDT R R ; SCHMIDT ROBERT R ; SCHMIDT ROBERT RUDOLF DR ; SCHMIDT ROBERT R DR ; SCHMIDT R ; SCHMIDT DELF DR ; SCHAER D ; SCHAEFER DIETMAR DR ; FROMMER WERNER PROF DR ; FROMMER WERNER DR ; BERG DIETER DR ; BERG D ; BERG DIETER ; BERUNAA FUROMAA ; DEITAA BERUKU ; DEITOMARU SHIEFUAA ; DERUFU SHIYUMITSUTO ; FROMMER W ; FROMMER WERNER

Inventor(s): FROMMER WERNER PROFDR ; R ; RUDOLF DR SCHMIDT ROBERT

Designated states: BE CH DE FR GB IT NL

International class (IPC 8-9): A01N61/00 A01N63/02 C07G99/00 C12P1/00 C12P1/06 C12P13/00 (Advanced/Invention); C12R1/62 (Advanced/Non-invention); A01N61/00 A01N63/02 C07G99/00 C12P1/00 C12P1/06 C12P13/00 (Core/Invention)

International class (IPC 1-7): A01N15/00 A01N5/00 A01N61/00 A01N63/04 A01N9/00 A01N9/20 C07C17/00 C07G17/00 C12D1/00 C12D13/00 C12D13/02 C12K1/00 C12K3/00 C12P1/06 C12P13/00 C12R1/62

CPC: Y10S435/822 Y10S435/827 C12R1/01 C12R1/62 C12P1/00 A01N63/02 C12P1/06

European class: A01N63/02 C12P1/00 C12P1/06

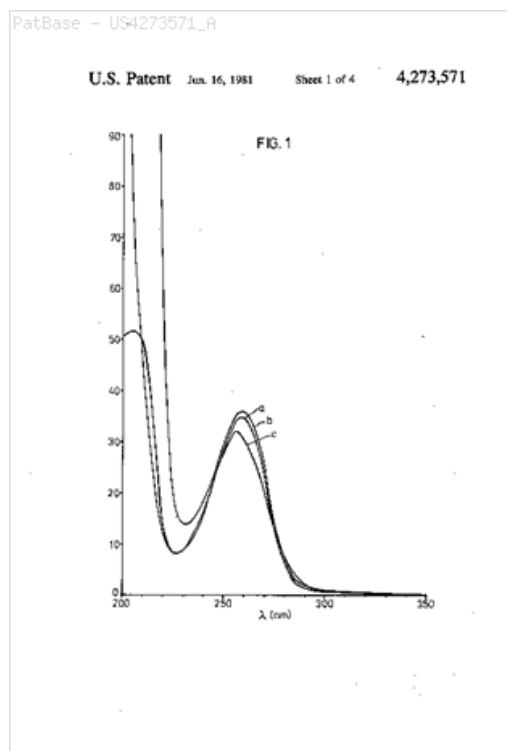
US class: 424/118 435/128 435/169 435/822 435/827 504/117 71/79

[Classification Explorer](#)

Cited documents: US3501456 A, JPS50125094,

Forward Citations: US5850707, US5455219, US5112381, US5064760, US4952234, FR2548686,

Abstract:
A herbicidally active compound of the empirical formula $C_{10}H_{14}N_6O_3$, exhibiting substantially the IR KBr-absorption spectrum shown in Fig. 2, is produced by aerobic culturing of a micro-organism of the family of the Actinoplanaceae under aerobic conditions in a nutrient medium which contains an assimilable carbon source, at least one assimilable nitrogen source and mineral salts, at a pH of 6 to 8 and a temperature of 20 DEG to 40 DEG C.



Title: 1-Vinyltriazole compounds and plant growth and fungicidal compositions

Priority: DE19792906061 19790216 DE19902060615U 19790216 DE19932084223U 19790922
DE19792938422 19790922 US19800112891 19800117 DE19803061554 19800204
EP19800100531 19800204 CA19800345638 19800214 US19810294603 19810820
US19840587036 19840307 US19860894734 19860808

Family:	Publication number	Publication date	Application number	Application date
	AR225756 A1	19820430	AR19800279950	19800213
	AT2216 E	19830115	AT19800100531T	19800204
	AU198055513 A1	19800821	AU19800055513	19800213
	AU532737 B2	19831013	AU19800055513	19800213
	BG31462 A3	19820115	BG19800046559	19800211
	BG31477 A3	19820115	BG19800047628	19800211
	BG31499 A3	19820115	BG19800047629	19800211
	BR8000996 A	19801029	BR19800000996	19800215
	CA1142529 A1	19830308	CA19800345638	19800214
	CS212338 B2	19820326	CS19800000979	19800213
	CS212339 B2	19820326	CS19800007661	19800213
	DD149009 A5	19810624	DD19800219061	19800214
	DE2906061 A1	19810108	DE19792906061	19790216
	DE2906061 B	00000000		00000000
	DE2938422 A1	19810423	DE19792938422	19790922
	DE2938422 B	00000000		00000000
	DE3061554 D1	19830217	DE19803061554	19800204
	DK162891 B	19911223	DK19800000678	19800215
	DK162891 C	19920511	DK19800000678	19800215
	DK67880 A	19800817	DK19800000678	19800215
	EG14213 A	19830930	EG19800000089	19800216
	EP0015387 A2	19800917	EP19800100531	19800204
	EP0015387 A3	19801015	EP19800100531	19800204
	EP0015387 B1	19830112	EP19800100531	19800204
	ES488643 A1	19800916	ES19800488643	19800215
	FI67377 B	19841130	FI19800000430	19800213
	FI67377 C	19850311	FI19800000430	19800213
	FI800430 A	19800817	FI19800000430	19800213
	GR73922 B	19840523	GR19800061207	19800214
	GR73922 B	19840523	GR19800161207	19800214
	HU187270 B	19851228	HU19800000348	19800215
	IE49397 B	19851002	IE19800000286	19800215
	IE800286 L	19800816	IE19800000286	19800215
	IL59379 A0	19800530	IL19800059379	19800213
	IL59379 A1	19840731	IL19800059379	19800213
	JP1554364 C3	19900404	JP19800016098	19800214
	JP55111477 A2	19800828	JP19800016098	19800214
	JP63061943 B4	19881130	JP19800016098	19800214
	NZ192858 A	19820223	NZ19800192858	19800213
	PH16107 A	19830630	PH19800023658	19800218
	PL124651 B1	19830228	PL19800222047	19800215
	PL127018 B1	19830930	PL19800232569	19800215
	PL128396 B1	19840131	PL19800238887	19800215
	PL222047 A1	19820104	PL19800222047	19800215
	PT70808 A	19800301	PT19800070808	19800208
	RO79266 P	19820625	RO19800100207	19800216
	TR20915 A	19821223	TR19800020915	19800215
	US4486218 A	19841204	US19810294603	19810820
	US4647302 A	19870303	US19840619949	19840612
	US4743293 A	19880510	US19860894437	19860730
	US4749405 A	19880607	US19860894734	19860808
	ZA8000864 A	19810325	ZA19800000864	19800215

Probable Assignee: BAYER AG

Assignee(s):(std): BAYER AG

Assignee(s): BAYER AG DE ; BAYER AKTIENGESELLSCHAFT ; BAYER DE AG ; PAUL VOLKER ; BUCHEL KARL H ; FROHBERGER PAUL ERNST ; REISER WOLF ; DRABER WILFRIED ; LURSSSEN KLAUS ; BAYER A G

Inventor(s):(std): ZUERSSSEN KLAUS DE ; ZUERSSSEN ; RESER WOLF DE ; RESER ; REISER WOLF DE ; REISER ; PAUL VOLKER DE ; PAUL ERNST LEVERKUSEN DE ; PAUL ERNST FROHBERGER ; PAUL ERNST ; PAUL ; LURSSSEN KLAUS DE ; LURGEN KLAUS DE ; LUERSSSEN KLAUS DE ; LUERSSSEN ; FROHBERGER PAULS ERNST DE ; FROHBERGER PAUL ERNST DE ; FROHBERGER ; FREHBERGER PAUL E ; DRABER WILFRIED DE ; DRABER ; DARABER WILFRIED DE ; DARABER ; BUECHEL ; BUCHEL KARL H ; ZUERSSSEN KLAUS ; WOLF REISER ; WILFRIED DRABER ; VOLKER PAUL ; UORUFU RAIZERU ; UIRUFURIITO DORABERU ; RESER WOLF ; REISER WOLF DR ; REISER WOLF ; REISER W ; PAURUUERUNSUOTO FURROBERUGERU ; PAUL VOLKER DR ; PAUL VOLKER DIPL ING ; PAUL VOLKER ; PAUL V ; PAUL ERNST LEVERKUSEN ; PAUL ERNST FROHYBERGER ; LURSSSEN KLAUS DR ; LURSSSEN KLAUS ; LURSSSEN K ; LURSEN KLAUS ; LUERSSSEN KLAUS DR ; LUERSSSEN KLAUS ; LUERSSSEN K ; KURASU RYURUSEN ; KURASU RIYURUSEN ; KLAUS LURSSSEN ; KARURU HAINTSU BYUTSUHIERU ; KARURU HAINTSU BIYUTSUHIERU ; KARL HEINZ BUCHEL ; FUORUKERU PAURU ; FROHYBERGER PAUL ERNST ; FROHBERGER PAULS ERNST ; FROHBERGER PAUL ERNST DR ; FROHBERGER PAUL ERNST ; FROHBERGER P E ; FROHBERGER P ; DRABER WILFRIED DR ; DRABER WILFRIED ; DRABER W ; DARABER WILFRIED ; BUORUFU RAIZERU ; BUIRUFURIITO DORABERU ; BUECHEL KARL HEINZ PROF DR ; BUECHEL KARL HEINZ ; BUECHEL KARL H ; BUECHEL K H ; BUECHEL K ; BUCHEL KARL HEINZ DR PROF ; BUCHEL KARL HEINZ ; BUCHEL K ; LURGEN KLAUS

Inventor(s): PAUL DIPL INGAGRDR ; BUECHEL KARL HEINZ PROFDR ; BUECHEL KARL HEINZ DE ; BUECHEL KARL HEINZ DR PROF ; PAUL DIPL ING AGR DR

Agent(s): DAVIES COLLISON CAVE; DAVIES COLLISON CAVE PTY LTD; FETHERSTONHAUGH AND CO; REINHOLD COHN AND PARTNERS

Designated states: AT BE CH DE FR GB IT NL SE

International class (IPC 8-9): A01N43/64 A01N43/653 A01N47/20 A01N47/24 C07D249/08 C07D521/00 (Advanced/Invention); A01N43/64 C07D249/00 C07D521/00 (Core/Invention)

International class (IPC 1-7): A01N43/04 A01N43/64 A01N43/653 A01N47/10 A01N5/00 A01N9/00 A01N9/22 A61K31/41 B01J8/060 C07D249/06 C07D249/08 C07F1/08

CPC: A01N43/653 C07D231/12 C07D233/56 C07D249/08 A01N43/64 A01N47/20 A01N47/24

European class: A01N43/64 A01N43/653 A01N47/20 A01N47/24 C07D231/12 C07D233/56 C07D249/08

US class: 504/167 504/169 504/181 504/185 504/248 504/253 504/274 514/184 514/383 548/101 548/267.6 548/268.4 568/420 568/425 568/445 568/446 568/448

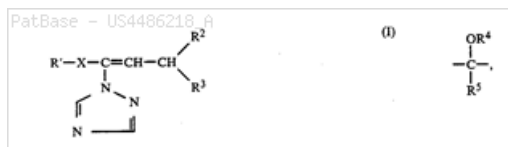
[Classification Explorer](#)

Cited documents: US4500537 A, US4486218 A, US4435411 A, US4243405 A, US4203995 A, US4182862 A, US4086351 A, GB2004276 A1, GB1464224 A, DE2645617 A1,

Forward Citations: WO16156294, WO14167009, WO14167008, WO13039937, WO12087980, US9822099, US9668481, US7798662, US6255250, US5935906, US5869424, US5861360, US5837653, US5834403, US5665680, US5144071, US5091407, US5032607, US4913727, US4911750, US4765823, US4749405, US4729783, US4728356, US4622064, US4607108, US4592772, US4554007, US4535074, US4501897, US4452625, US2007165905, JP1153024, FR2457859, EP0206523, EP0188933, EP0166956, EP0129771, EP0123179, EP0114609, EP0114608, EP0101996, EP0101925, EP0096787, EP0056125, EP0054431, EP0053325, EP0053311, EP0048828, EP0048827, EP0044605, EP0040368, EP0040367, EP0022975, DE3703971,

Abstract:

1-Vinyltriazole compounds of the formula (I) wherein R1 is alkyl, substituted alkyl, cycloalkyl, aryl or substituted aryl; R2 is alkyl; R3 is alkyl, cycloalkyl, cycloalkenyl, substituted cycloalkenyl, alkenyl, aryl or substituted aryl; or R2 and R3, together with the carbon to which they are bonded, represent cycloalkenyl, substituted cycloalkenyl, cycloalkyl or substituted cycloalkyl; X is the group or, alternatively, X may represent a keto group provided that when X is a keto group, R1 is alkyl, substituted alkyl, cycloalkyl, or substituted cycloalkyl; R4 is hydrogen, alkyl, aralkyl, substituted aralkyl, acyl, carbamoyl or substituted carbamoyl; R5 is hydrogen, alkyl, aralkyl or substituted aralkyl; and acid addition salts and metal salt complexes thereof; are outstandingly effective plant growth regulants and as fungicides.



Title: 1-Allyltriazole derivatives, processes for their preparation and their use as plant protection agents

Priority: DE19792905981 19790216 DE19902059812U 19790216 DE19803060887 19800204
EP19800100535 19800204 CA19800345651 19800214

Family:	Publication number	Publication date	Application number	Application date
	AR223699 A1	19810915	AR19800279948	19800213
	AT1608 E	19821015	AT19800100535T	19800204
	AU198055512 A1	19800821	AU19800055512	19800213
	AU531325 B2	19830818	AU19800055512	19800213
	BG30915 A3	19810915	BG19800046560	19800211
	BR8000994 A	19801029	BR19800000994	19800215
	CA1142946 A1	19830315	CA19800345651	19800214
	CS208796 B2	19810915	CS19800000978	19800213
	DD149010 A5	19810624	DD19800219064	19800214
	DE2905981 A1	19801030	DE19792905981	19790216
	DE2905981 B	00000000		00000000
	DE3060887 D1	19821111	DE19803060887	19800204
	DK67580 A	19800817	DK19800000675	19800215
	EG14141 A	19830331	EG19800000088	19800216
	EP0016323 A1	19801001	EP19800100535	19800204
	EP0016323 B1	19820929	EP19800100535	19800204
	ES488644 A1	19800916	ES19800488644	19800215
	IL59378 A0	19800530	IL19800059378	19800213
	IL59378 A1	19840531	IL19800059378	19800213
	JP1041630 B4	19890906	JP19800016097	19800214
	JP1557994 C3	19900516	JP19800016097	19800214
	JP55111476 A2	19800828	JP19800016097	19800214
	PL121602 B1	19820531	PL19800222049	19800215
	PL222049 A1	19801215	PL19800222049	19800215
	PT70807 A	19800301	PT19800070807	19800208
	RO79164 P	19820625	RO19800100208	19800216
	TR21074 A	19830623	TR19800021074	19800215
	US4315764 A	19820216	US19800118335	19800204
	ZA8000865 A	19810325	ZA19800000865	19800215

Probable Assignee: BAYER AG

Assignee(s):(std): BAYER AG

Assignee(s): BAYER AG DE ; BAYER AKTIENGESSELLSCHAFT ; BAYER DE AG ; BUCHEL KARL H ; DRABER WILFRIED ; FROHBERGER PAUL ERNST ; LURSSSEN KLAUS ; PAUL VOLKER ; REISER WOLF ; BAYER A G

Inventor(s):(std): BUECHEL KARL HEINZ PROF DR ; BUIRUFURIITO DORABERU ; BUORUFU RAIZERU ; DRABER ; DRABER W ; DRABER WILFRIED ; DRABER WILFRIED DE ; DRABER WILFRIED DR ; FROHBERGER ; FROHBERGER P ; FROHBERGER P E ; FROHBERGER PAUL E ; FROHBERGER PAUL ERNST ; FROHBERGER PAUL ERNST DE ; FROHBERGER PAUL ERNST DR ; FUORUKERU PAURU ; KARL HEINZ BUCHEL ; KARURU HAINTSU BIYUTSUHIERU ; KARURU HAINTSU BYUTSUHIERU ; KLAUS LURSSSEN ; KURAUUSU RIYURUSEN ; KURAUUSU RYURUSEN ; LUERSSEN ; LUERSSEN K ; LUERSSEN KLAUS ; LUERSSEN KLAUS DE ; LUERSSEN KLAUS DR ; LURSSSEN K ; LURSSSEN KLAUS ; LURSSSEN KLAUS DR ; LURZAN KLAUS ; LURZAN KLAUS DE ; PAUL ; PAUL ERNST FROHBERGER ; PAUL V ; PAUL VOLKER ; PAUL VOLKER DE ; PAUL VOLKER DIPL ING ; BUCHEL K ; BUCHEL KARL H ; BUCHEL KARL HEINZ ; BUCHEL KARL HEINZ DR ; BUECHEL ; BUECHEL K ; BUECHEL K H ; BUECHEL KARL H ; PAUL VOLKER DR ; PAURUUEERUNSUTO FURROBERUGERU ; REISER ; REISER VOLF ; REISER VOLF DE ; REISER W ; REISER WOLF ; REISER WOLF DE ; REISER WOLF DR ; UIRUFURIITO DORABERU ; UORUFU RAIZERU ; VOLKER PAUL ; WILFRIED DRABER ; WOLF REISER

Inventor(s): BUECHEL KARL HEINZ DR ; PAUL VOLKER DIPL ING AGR DR

Agent(s): DAVIES COLLISON CAVE; DAVIES COLLISON CAVE PTY LTD; FETHERSTONHAUGH AND CO; REINHOLD COHN AND PARTNERS

Designated states: AT BE CH DE FR GB IT NL SE

International class (IPC 8-9): A01N43/64 A01N43/653 A01N47/12 A01N47/20 C07D249/08 C07D521/00 (Advanced/Invention); A01N43/64 A01N47/10 C07D249/00 C07D521/00 (Core/Invention)

International class (IPC 1-7): A01N43/64 A01N43/653 A01N47/12 A01N47/20 A01N5/00 A01N9/22 C07D249/06 C07D249/08

CPC: A01N43/653 C07D231/12 C07D233/56 C07D249/08

European class: A01N43/653 C07D231/12 C07D233/56 C07D249/08

US class: 504/167 504/169 504/181 504/185 504/248 504/253 504/274 514/383 548/101 548/267.6 548/267.8 548/268.6 568/425 568/446 568/447 568/448 568/495

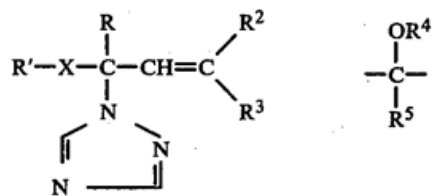
[Classification Explorer](#)

Cited documents: US4203995 A, US4182862 A, US4104399 A, US4086351 A, US4067989 A, EP0003884 A2, DE2652313 A1, DE2645617 A1,

Forward Citations: WO8905581, US6488739, US5744015, US5624916, US5462931, US5358939, US5010208, US4921967, US4808606, US4747869, US4728356, US4638674, US4603140, TR22729, JP56092878, JP56092877, EP0230628, EP0103798, EP0100952, EP0097881, EP0081675, EP0079006,

Abstract:

1-Allyl-triazole derivatives of the formula in which R represents hydrogen, alkyl or optionally substituted aralkyl, R1 represents optionally substituted alkyl, cycloalkyl or optionally substituted aryl, R2 represents alkyl and R3 represents alkyl, cycloalkyl, optionally substituted cycloalkenyl, alkenyl or optionally substituted aryl, or R2 and R3, together with the carbon atom to which they are bonded, represent optionally substituted cycloalkenyl or cycloalkyl X represent the group or the keto group, R4 represents hydrogen, alkyl, optionally substituted aralkyl, acyl or optionally substituted carbamoyl and R5 represents hydrogen, alkyl or optionally substituted aralkyl, or acid addition salts or metal salt complexes thereof are characterized by fungicidal and plant growth regulatory activity.



Title: Process for the preparation of 1-amino-cyclopropane-carboxylic acid compounds**Priority:** DE19792936038 19790906 DE19803060418 19800816

Family:	Publication number	Publication date	Application number	Application date
	BR8005660 A	19810317	BR19800005660	19800905
	DE2936038 A1	19810326	DE19792936038	19790906
	DE3060418 D1	19820701	DE19803060418	19800816
	DK149586 B	19860804	DK19800003793	19800905
	DK149586 C	19870105	DK19800003793	19800905
	DK379380 A	19810307	DK19800003793	19800905
	EP0025141 A1	19810318	EP19800104897	19800816
	EP0025141 B1	19820512	EP19800104897	19800816
	IL60957 A0	19801130	IL19800060957	19800903
	IL60957 A1	19830930	IL19800060957	19800903
	JP1179127 C3	19831130	JP19800122469	19800905
	JP56045443 A2	19810425	JP19800122469	19800905
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	US4367344 A	19830104	US19800180557	19800822

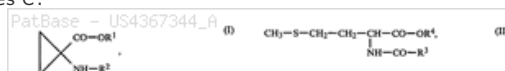
Probable Assignee: BAYER AG**Assignee(s):(std):** BAYER AG**Assignee(s):** BAYER AKTIENGESellschaft**Inventor(s):(std):** BERUNTO GARENKAMUPU ; GALLENKAMP B ; GALLENKAMP BERND DR ; GALLENKAMP BERND**Inventor(s):** BERND GALLENKAMP**Agent(s):** REINHOLD COHN AND PARTNERS**Designated states:** BE CH DE FR GB IT NL

International class (IPC 8-9): A01N53/00 A01N53/10 C07C227/00 C07C227/18 C07C229/48 C07C231/00 C07C231/12 C07C233/52 C07C233/81 C07C67/00 (Advanced/Invention); A01N53/00 C07C227/00 C07C229/00 C07C231/00 C07C233/00 C07C67/00 (Core/Invention)

International class (IPC 1-7): A01N53/00 C07C101/04 C07C101/14 C07C101/18 C07C101/36 C07C102/00 C07C103/46 C07C103/737 C07C103/84 C07C125/06 C07C125/065 C07C99/00

CPC: A01N53/00**European class:** 124CA10B3F 124CA10G2B4 A01N53/00**US class:** 260/459R 504/171 504/182 504/313 558/23 560/115 560/124 560/48 562/457 562/506 71/106 71/111 71/113[Classification Explorer](#)**Cited documents:** US4083863 A, US3445499 A, GB1047267 A, DE2724734 A1, DE1289046 B,**Forward Citations:** WO8500809, US6849576, US5292937, US5123951, US4976775, US4965286, US4629784, JP4519564, JP2006045138, FR2651495, EP1151668, EP1151668, EP0135429, EP0070453, AU579835,**Abstract:**

A process for the preparation of 1-amino-cyclopropane-carboxylic acid or a derivative thereof of the general formula (I) in which R¹ represents hydrogen or alkyl and R² represents hydrogen or a radical -CO-R³, wherein R³ represents hydrogen, alkyl, aryl or alkoxy, in which a 2-cycloamino-4-methylthio-butanoic acid ester ("acyl-methionine ester") of the general formula (II) in which R³ has the meaning indicated above and R⁴ represents alkyl, is reacted successively with dimethyl sulphate and an alkali metal alcoholate, if appropriate in the presence of a diluent, at a temperature between 80 degrees C. and 150 degrees C., the product is then optionally saponified with aqueous alkali metal hydroxide or alkaline-earth metal hydroxide at a temperature between 70 degrees C. and 150 degrees C., the reaction mixture thereby obtained is acidified with concentrated hydrochloric acid at a temperature between 0 degrees C. and 30 degrees C., and the hydrochloride formed is then treated, in methanolic solution, with propylene oxide at a temperature between -5 degrees C. and +20 degrees C.



Title: Halogenated triazolyvinyl keto and carbinol compounds and plant growth regulant and fungicidal compositions

Priority: DE19803025242 19800703 DE19813111012 19810320 EP19810104778 19810622
DE19813172327 19810622 US19810276842 19810624 CA19810380908 19810630
US19830542909 19831018

Family:	Publication number	Publication date	Application number	Application date
	AR228277 A1	19830215	AR19810285948	19810701
	AT15664 E	19851015	AT19810104778T	19810622
	AU198172531 A1	19820107	AU19810072531	19810703
	AU541690 B2	19850117	AU19810072531	19810703
	BR8104231 A	19820323	BR19810004231	19810702
	CA1167452 A1	19840515	CA19810380908	19810630
	CS221982 B2	19830429	CS19810005081	19810701
	DD205812 A5	19840111	DD19810231399	19810702
	DE3025242 A1	19820128	DE19803025242	19800703
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	DE3172327 D1	19851024	DE19813172327	19810622
	DK294481 A	19820104	DK19810002944	19810702
	EG14837 A	19850331	EG19810000366	19810701
	EP0044425 A2	19820127	EP19810104778	19810622
	EP0044425 A3	19820203	EP19810104778	19810622
	EP0044425 B1	19850918	EP19810104778	19810622
	ES503610 A0	19820516	ES19810503610	19810702
	ES8204987 A1	19820516	ES19810503610	19810702
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	HU188295 B	19860328	HU19810001954	19810703
	IE51366 B	19861210	IE19810001485	19810702
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	IL63210 A1	19850331	IL19810063210	19810701
	JP2038589 B4	19900831	JP19810100762	19810630
	JP57046970 A2	19820317	JP19810100762	19810630
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	PL231997 A1	19820301	PL19810231997	19810702
	PT73246 A	19810701	PT19810073246	19810623
	PT73246 B	19820722	PT19810073246	19810623
	TR21023 A	19830516	TR19810021023	19810629
	US4729783 A	19880308	US19850715574	19850322
	ZA8104489 A	19820728	ZA19810004489	19810702

Probable Assignee: BAYER AG

Assignee(s):(std): BAYER AG

Assignee(s): BAYER AG DE ; BAYER AKTIENGESELLSCHAFT ; BAYER AKTIENGESELLSCHAFT DE ; BRANDES WILHELM ; BUCHEL KARL H ; FROHBERGER PAUL ERNST ; REGEL ERIK ; LURSSSEN KLAUS ; BAYER A G

Inventor(s):(std): BUCHEL KARL HEINZ ; BUCHEL KARL HEINZ DR ; BUECHEL KARL H ; BUECHEL KARL HEINZ PROF DR ; FROHBERGER PAUL ERNST ; FROHBERGER PAUL ERNST DR ; FROHBERGER RAU ERNST DR ; LUERSSSEN K ; LUERSSSEN KLAUS ; LUERSSSEN KLAUS DE ; LUERSSSEN KLAUS DR ; LURSEN KLAUS DR ; LURSSSEN K ; LURSSSEN KLAUS ; PAUL ERNST FROHBERGER ; REGAL E ; REGEL E ; REGEL ERIK ; ROHBERGER PAUL ERNST DE ; THOMPSON MORICE W ; WILHELM BRANDES ; KURAUSU RIYURUZEN ; KLAUS LURSSSEN ; KARL HEINZ BUCHEL ; FROHBERGER PAUL E ; ERIKU REEGERU ; ERIK REGEL ; E REGAL ; DR WILHELM BRANDES ; DR KLAUS LURSEN ; DR KARL HEINZ BUCHEL ; BUIRUHERUMU BURANDESU ; BUECHEL KARL HEINZ DE ; BUECHEL K H ; BUECHEL K ; BUCHEL KARL H ; BRANDES WILHELM ; UIRUHERUMU BURANDESU ; KURAUSU RYURUZEN ; KARURU HAINTSU BYUTSUHIERU ; BROMLEY CHARLES ; BUECHEL KARL HEINZ ; ROHBERGER PAUL ERNST ; REGEL ERIK DE ; PAURUUERUNSUTO FUROOBERUGAA ; LURSSSEN KLAUS DR ; KARURU HAINTSU BIYUTSUHIERU ; FROHBERGER PAUL ERNST DE ; FROHBERGER P ; DR RAU ERNST FROHBERGER ; BUECHEL KH ; BUCHEL KARL HEINZ PROF DR ; BRANDES WILHELM DR ; BRANDES WILHELM DE ; BRANDES W ; FROHBERGER P E

Inventor(s): BRANDES WILHELM DIPL LANDWDR ; BROMLEY CHARLES GB ; BUECHEL KARL HEINZ PROFDR ; BRANDES WILHELM DIPL LANDW DR ; HEINZ PROF DR BUECHEL KARL ; LURSSSEN KLAUS DE

Agent(s): DAVIES COLLISON CAVE PTY LTD; FETHERSTONHAUGH AND CO; REINHOLD COHN AND PARTNERS

Designated states: AT BE CH DE FR GB IT LI NL SE

International class (IPC 8-9): A01N43/64 A01N43/653 C07C45/63 C07C45/75 C07C49/16 C07D249/08 C07D521/00 (Advanced/Invention); C07C49/16 C07C49/17 (Advanced/Non-invention); A01N43/64 C07C45/00 C07C49/00 C07D249/00 C07D521/00 (Core/Invention); C07C49/00 (Core/Non-invention)

International class (IPC 1-7): A01N43/64 A01N43/653 A61K31/41 C07C49/16 C07C49/17 C07C49/17 C07C49/17 C07D249/08

CPC: A01N43/64 C07C45/63 C07C45/75 A01N43/653 C07C49/16 C07D231/12 C07D233/56 C07D249/08

European class: A01N43/64 A01N43/653 C07C45/63 C07C45/75 C07C49/16 C07D231/12 C07D233/56 C07D249/08

US class: 504/181 504/274 514/383 548/268.4

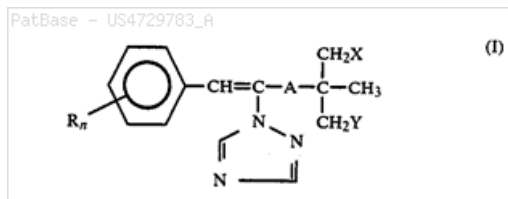
[Classification Explorer](#)

Cited documents: US4500537 A, US4486218 A, US4255434 A, US4203995 A, US4182862 A, US4005083 A, JP53130661 A2, EP0032239 A1, EP0022975 A1, EP0020955 A1, DE3010560 A1, DE2838847 A1,

Forward Citations: WO13039937, WO12087980, US6255250, US5935906, US5869424, US5861360, US5837653, US5834403, US5273722, US5084471, US5006154, JP6500742, FR2588724, EP0223142, EP0101925, DE3309870,

Abstract:

Halogenated triazolylvinyl keto derivatives and carbinol derivatives of the general formula (I) in which A represents a keto group or a CH(OH) grouping, X represents a hydrogen or halogen atom, Y represents a halogen atom, R represents a halogen atom, an alkyl, halogenoalkyl, halogenoalkoxy, alkoxy, alkylthio, halogenoalkylthio, alkylamino, dialkylamino, nitro, cyano, hydroxyl or alkylcarbonyloxy radical, an optionally substituted phenyl radical, an optionally substituted phenoxy radical or an optionally substituted benzyloxy radical and n is 0, 1, 2 or 3, and physiologically acceptable acid addition salts and metal salt complexes thereof are outstandingly effective as plant growth regulators and as fungicides. The inventive compounds can be prepared by reacting a triazolylketone with an aldehyde.



Title: Combating fungi with substituted 1-azolyI-butan-2-ones and -2-ols**Priority:** DE19803048267 19801220 DE19803048266 19801220 US19810324911 19811226
DE19813165591 19811208 US19810328871 19811208 EP19810110222 19811208
DE19813173926 19811211 EP19810110365 19811211 CA19810392632 19811218
CA19810392731 19811218

Family:	Publication number	Publication date	Application number	Application date
	AR228764 A1	19830415	AR19810287857	19811218
	AT18213 E	19860315	AT19810110365T	19811211
	AT8992 E	19840915	AT19810110222T	19811208
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	CA1178587 A1	19841127	CA19810392632	19811218
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	DK563581 A	19820621	DK19810005635	19811218
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	EP0054865 A1	19820630	EP19810110365	19811211
	EP0054865 B1	19860226	EP19810110365	19811211
	EP0055833 A1	19820714	EP19810110222	19811208
	EP0055833 B1	19840815	EP19810110222	19811208
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	ES508134 A0	19821101	ES19810508134	19811218
	ES8300712 A1	19821101	ES19810508134	19811218
	ES8306478 A1	19830601	ES19810508133	19811218
	GR77634 B	19840925	GR19810166841	19811218
	GR77635 B	19840925	GR19810166842	19811218
	HU188726 B	19860528	HU19810003866	19811218
	HU189549 B	19860728	HU19810003865	19811218
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	IL64572 A0	19820331	IL19810064572	19811217
	IL64572 A1	19850531	IL19810064572	19811217
	JP2016301 B4	19900416	JP19810203840	19811218
	JP57128675 A2	19820810	JP19810203840	19811218
	JP57128676 A2	19820810	JP19810203841	19811218
	PT74109 A	19820101	PT19810074109	19811210
	PT74109 B	19830516	PT19810074109	19811210
	PT74110 A	19820101	PT19810074110	19811210
	PT74110 B	19830516	PT19810074110	19811210
	US4549900 A	19851029	US19830481615	19830404
	US4904297 A	19900227	US19880169912	19880318
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Probable Assignee: BAYER AG**Assignee(s):(std):** BAYER AG**Assignee(s):** BAYER AG DE ; BAYER AKTIENGESELLSCHAFT ; BRANDES WILHELM ; KRAATZ UDO ; BUCHEL KARL H ; FROHBERGER PAUL ERNST ; KRAMER WOLFGANG ; ELBE HANS LUDWIG ; REGEL ERIK ; LURSSSEN KLAUS ; BAYER A G**Inventor(s):(std):** BUECHEL K ; BUECHEL K H ; BUECHEL KARL H ; BUECHEL KARL HEINZ PROF DR ; BUIRUHERUMU BURANDESU ; BUORUFUGANGU KUREEMAA ; DR HANS LUDWIG ELBE ; DR KLAUS LURSSSEN ; DR PAUL ERNST FROHBERGER ; DR UDO KRAATZ ; DR WILHELM BRANDES ; DR WOLFGANG KRAMER ; ELBE H ; ELBE H L ; ELBE HANG LUDWIG ; ELBE HANS LUDWIG ; BRANDES W ; BRANDES WILHELM ; BRANDES WILHELM DR ; BUCHEL KARL HEINZ ; BUCHEL KARL HEINZ PROF DR ; ELBE HANS LUDWIG DR ; ERIKU REEGERU ; FROEHBBERGER PAUL ERNST ; FROHBERGER P ; FROHBERGER P E ; FROHBERGER PAUL ERNST ; FROHBERGER PAUL ERNST ; FROHBERGER PAUL ERNST DR ; HANSUURUUTOITSUHI ERUBE ; KARURU HAINTSU BIYUTSUHERU ; KARURU HAINTSU BYUTSUHERU ; KRAATZ UDO DR ; KRAEMER W ; KRAEMER WOLFGANG ; KRAATZ U ; KRAATZ UDO ; KRAEMER WOLFGANG DR ; KRAMER WOLFGANG ; KRAMER WOLFGANG DR ; KURAUSU RIYURUZEN ; KURAUSU RIYURUZEN ; LUERSSEN K ; LUERSSEN KLAUS ; LUERSSEN KLAUS DR ; LURSSSEN KLAUS ; LURSSSEN KLAUS DR ; PAURUURUNSUOTO FURUOBERUGAA ; PROF DR KARL HEINZ BUCHEL ; REGEL E ; REGEL ERIK ; UDOO KURAATSU ; UIRUHERUMU BURANDESU ; UORUFUGANGU KUREEMAA ; REGEL ERIK ING ; REGEL ERIK ING GRAD**Inventor(s):** UDO KRAATZ ; WILHELM BRANDES ; WOLFGANG KRAMER ; REGEL ERIK DE ; PAUL ERNST FROHBERGER ; PAUL ERNST FROHBERGER ; LUERSSEN KLAUS DE ; KRAMER WOLFGANG DE ; KRAATZ UDO DE ; KRAEMER WOLFGANG DE ; KLAUS LURSSSEN ; KARL HEINZ BUCHEL ; HANG LUDWIG ELBE ; HANS LUDWIG ELBE ; HANSUURUTOITSUHI ERUBE ; FROHBERGER PAUL ERNST DE ; FROEHBBERGER PAUL ERNST DE ; ERIK REGEL ; BUCHEL KARL HEINZ PROFDR ; BUCHEL KARL H ; BRANDES WILHELM DE ; BRANDES WILHELM DIPL LANDW ; BRANDES WILHELM DIPL LANDW DR ; ELBE HANS LUDWIG DE**Agent(s):** DAVIES COLLISON CAVE PTY LTD; FETHERSTONHAUGH AND CO; REINHOLD COHN AND PARTNERS**Designated states:** AT BE CH DE FR GB IT LI NL SE**International class** A01N43/50 A01N43/64 A01N43/653 A01N43/84 A01N47/02 A61K31/41 A61K31/415 C07C45/63

Title: INHALATION PHARMACEUTICALS

Priority: GB19810022846 19810724 EP19820200841 19820706 GB19820020158 19820712
 CA19820407433 19820716 US19820399748 19820719 GB19860006755 19860319
 US19860606542 19860503 US19860864807 19860519 US19890403788 19890906
 US19910727322 19910702

Family:	Publication number	Publication date	Application number	Application date
	AT17441 E	19860215	AT19820200841T	19820706
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	AU540826 B2	19841206	AU19820086355	19820723
	BE893912 A	19830124	BE19820208656	19820722
	CA1187415 A1	19850521	CA19820407433	19820716
	CH657273 A	19860829	CH19820004490	19820722
	DE3268533 D1	19860227	DE19823268533	19820706
	DK159716 B	19901126	DK19820003259	19820720
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	DK325982 A	19830125	DK19820003259	19820720
	EP0072046 A1	19830216	EP19820200841	19820706
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	ES514282 A0	19831016	ES19820514282	19820723
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	FR2510405 A1	19830204	FR19820012902	19820723
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	GB2105189 B2	19850320	GB19820020158	19820712
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	LU84291 A	19830207	LU19820084291	19820723
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	PT75310 B	19851129	PT19820075310	19820723
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Probable Assignee: KING PHARMACEUTICALS INC**Assignee(s):(std):** FISONS LTD ; FISONS PLC ; FISONS PLC GB**Assignee(s):** FORRESTER RAYMOND B ; KING PHARMACEUTICALS INC ; BOARDMAN TERENCE D**Inventor(s):(std):** TERENSU DEIBITSUDO BOOADOMAN ; TERENCE DAVID BOARDMAN ; REIMONDO BURAIAN FUORESUTAA ; RAYMOND BRIAN FORRESTER ; BOARDMAN TD ; FORRESTER RB ; DAVID BOARDMAN TERENCE ; BRIAN FORRESTER RAYMOND ; BOARMAN TERENCE D ; BOARDMAN TERENCE DAVID ; FORRESTER RAYMOND BRIAN ; FORRESTER RAYMOND B ; FORRESTER R B ; BOARDMAN TERENCE DAVID ; BOARDMAN TERENCE D ; BOARDMAN T D**Inventor(s):** BOARMAN TERENCE D GB ; RAYMOND BRIAN FORRESTER ET TERENCE DAVID BOARDMAN ; FORRESTER RAYMOND B GB**Agent(s):** DAVIES COLLISON CAVE; DAVIES COLLISON CAVE PTY LTD; RIDOUT AND MAYBEE LLP; REINHOLD COHN AND PARTNERS**Designated states:** AT DE IT NL SE

International class (IPC 8-9): A61K31/35 A61K31/47 A61K9/00 A61K9/12 A61K9/14 A61K9/16 A61K9/72 A61P11/00 A61P37/08 (Advanced/Invention); A61K31/35 A61K9/12 A61K9/14 A61K9/72 A61P11/00 (Advanced/Non-invention); A61K31/35 A61K31/47 A61K9/00 A61K9/12 A61K9/14 A61K9/16 A61K9/72 A61P11/00 A61P37/00 (Core/Invention)

International class (IPC 1-7): A61J A61K31/35 A61K31/44 A61K9/00 A61K9/12 A61K9/14 A61K9/72 A61KA

CPC: Y10S514/826 Y10S514/951 A61K9/0075 A61K9/1688 A61K31/47**European class:** A61K31/47 A61K9/00M20B A61K9/00M20B3 A61K9/16P2

US class: 514/291 514/456 514/826 514/951

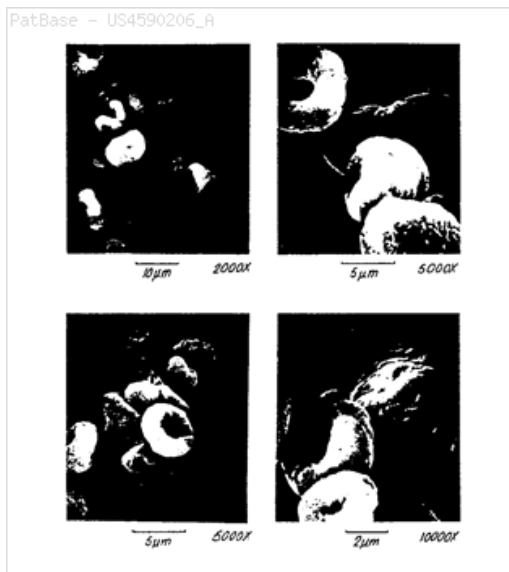
[Classification Explorer](#)

Cited documents: US4760072 A, US4590206 A, US4419352 A, US4161516 A, US3957965 A, JPS5294413, JP52094413 A2, GB1569611 A, GB1549229 A, GB1520248 A,

Forward Citations: WO9936095, WO9831353, WO9831352, WO9831351, WO9831350, WO9829141, WO9829140, WO9829098, WO9744013, WO9741833, WO9736574, WO9635467, WO9632149, WO9509616, WO9509615, WO16201248, WO16196976, WO14124096, WO14004895, WO13153146, WO13067022, WO12122535, WO03094890, WO03020197, WO0228378, WO0151030, USRE37053, US9983108, US9943571, US9925144, US9833451, US9808500, US9808030, US9802012, US9801925, US9796688, US9764043, US9763965, US9717689, US9706944, US9700690, US9700529, US9687527, US9675674, US9662461, US9655850, US9649364, US9642894, US9630930, US9616060, US9610351, US9554993, US9511198, US9498439, US9468607, US9446150, US9446133, US9446001, US9439862, US9421166, US9364619, US9364436, US9346766, US9339615, US9339545, US9302010, US9295724, US9283193, US9241903, US9233159, US9220687, US9192675, US9138479, US9125805, US9120031, US9060927, US9018162, US9006175, US8936813, US8933023, US8889099, US8877162, US8828359, US8802149, US8785396, US8715623, US8709484, US8697644, US8623817, US8616464, US8586005, US8524279, US8470301, US8404217, US8394414, US8389470, US8349294, US8337895, US8273330, US8246934, US8173168, US8168223, US8148377, US8119639, US8084420, US8080263, US8080236, US8012457, US7994197, US7967221, US7943178, US7871598, US7790145, US7785631, US7780991, US7744925, US7718609, US7713929, US7678364, US7648960, US7628978, US7628977, US7582284, US7575761, US7556798, US7521069, US7448375, US7442388, US7435408, US7393544, US7384649, US7368102, US7306787, US7300919, US7278419, US7267813, US7205343, US7182961, US7172766, US7172752, US7138141, US7097827, US7052678, US7048908, US6977087, US6956021, US6946117, US6942868, US6941948, US6932962, US6926908, US6921528, US6921527, US6858199, US6846801, US6797258, US6794357, US6749835, US6740310, US6737045, US6696090, US6685967, US6652837, US6638495, US6635283, US6632456, US6616914, US6610653, US6592904, US6582728, US6572893, US6565885, US6546928, US6532955, US6528096, US6524557, US6524555, US6511653, US6511652, US6509006, US6503480, US6451349, US6447753, US6447752, US6436443, US6433040, US6428771, US6423344, US6399102, US6387394, US6371171, US6365190, US6352684, US6309623, US6306440, US6303745, US6287540, US6284282, US6254854, US6227195, US6199607, US6149892, US6143277, US6136295, US6077543, US6071497, US6051256, US6030604, US6027714, US6001336, US5997848, US5985309, US5985248, US5983956, US5980949, US5976574, US5972388, US5962009, US5952008, US5874064, US5855913, US5830853, US5766573, US5747445, US5738865, US5720940, US5695743, US5683677, US5681545, US5674473, US5612053, US5605674, US5551489, US5439670, US5376386, US5334374, US5260306, US5228607, US5225183, US5204113, US5198221, US2011183901, US2011171141, US2011105391, US2010297007, US2010284940, US2010222220, US2010086609, US2010081664, US2010081663, US2010034910, US2009285905, US2009241950, US2009191134, US2009068274, US2009047358, US2008264416, US2008254127, US2008253971, US2008248999, US2008233194, US2008227690, US2008213593, US2008060644, US2008039366, US2008038357, US2007253913, US2007104657, US2007086952, US2007042048, US2007020199, US2007020191, US2007014738, US2006002996, US2005274377, US2005207986, US2005205083, US2005158249, US2005153874, US2005088617, US2005003003, US2004191186, US2004182383, US2004171550, US2004170568, US2004140374, US2004105820, US2004096403, US2004096400, US2004077528, US2004076589, US2004062718, US2004052732, US2004047811, US2004028619, US2004025876, US2004018243, US2004014679, US2003232020, US2003223939, US2003216541, US2003215514, US2003211972, US2003203036, US2003198601, US2003172924, US2003171282, US2003133880, US2003129250, US2003129140, US2003129139, US2003125236, US2003124193, US2003072718, US2003068279, US2003064928, US2003047824, US2003044460, US2003035778, US2003005927, US2002192164, US2002124852, US2002071871, NL1008020, LT4553, JP6100114, JP4266399, JP2013199497, JP2010059181, JP2010059180, JP2010059179, JP2010047615, JP2006160767, JP2003525842, JP2001517692, JP2001517691, JP2001509811, JP2001508793, JP2001508792, JP11171760, GR980100023, GB2232891, GB2232891, FR2759905, ES2149083, ES2149082, EP3225235, EP2526996, EP1941868, EP1261316, EP1019033, EP1019021, EP0971698, EP0907356, EP0904056, EP0721332, EP0721331, EP0465841, BE1012009, AU740760, AU731192, AU730059, AU728835, AU728768, AU724500, AU702150, AP987,

Abstract:

There is described a finely divided inhalation drug, e.g. sodium cromoglycate, comprising a therapeutically effective proportion of individual particles capable of penetrating deep into the lung, characterized in that a bulk of the particles which is both unagglomerated and unmixed with a coarse carrier, is sufficiently free flowing to be filled into capsules on an automatic filling machine and to empty from an opened capsule in an inhalation device. A number of the individual drug particles have a spherical, collapsed spherical or ring doughnut shape. There is also described a method of making the fine particles and pharmaceutical formulations containing them.



Title: TOBACCO SMOKE FILTER

Priority: DE19813105888 19810218 DE19813114542 19810410 DE19813134374 19810831
DE19813137374 19810919 DE19823200793 19820113 WO1982EP00033 19820218

Family:

Publication number	Publication date	Application number	Application date
AU198281439 A1	19820914	AU19820081439	19820218
DE3114542 A1	19821230	DE19813114542	19810410
DE3134374 A1	19830310	DE19813134374	19810831
DE3134374 C2	19900201	DE19813134374	19810831
EP0058463 A1	19820825	EP19820200202	19820218
WO8202820 A1	19820902	WO1982EP00033	19820218

Probable Assignee: MEILLER FAHRZEUGE

Assignee(s):(std): GIST BROCADES NV ; MEILLER FAHRZEUGE ; PRUSS GUNTER

Assignee(s): PRUSS GUENTER 2211 WRIST DE ; PRUSS GUENTER ; FRANZ XAVER MEILLER FAHRZEUG UND MASCHINENFABRIK G ; FRANZ XAVER MEILLER FAHRZEUG UND MASCHINENFABRIK GMBH AND CO KG ; FRANZ XAVER MEILLER FAHRZEUG UND MASCHINENFABRIK GMBH AND CO KG 8000 MUENCHEN DE ; GIST BROCADES N V

Inventor(s):(std): G PRUSS ; PRUSS GUENTER ; PRUSS GUNTER ; PRUSS G ; MATTHES GERHARD

Inventor(s): PRUSS GUENTER 2211 WRIST DE ; MATTHES GERHARD 8000 MUENCHEN DE

Designated states: AT AU BE CH DE DK FI FR GB HU IT JP LI LU NL NO RO SE US

International class (IPC 8-9): A24D3/06 A24D3/14 B60P1/26 (Advanced/Invention); A24D3/00 B60P1/04 (Core/Invention)

International class (IPC 1-7): A24D3/14 B60P1/04 B60P1/26 B62D27/06 B62D33/02

CPC: B60P1/26 A24D3/061 A24D3/14

European class: A24D3/06B A24D3/14 B60P1/26

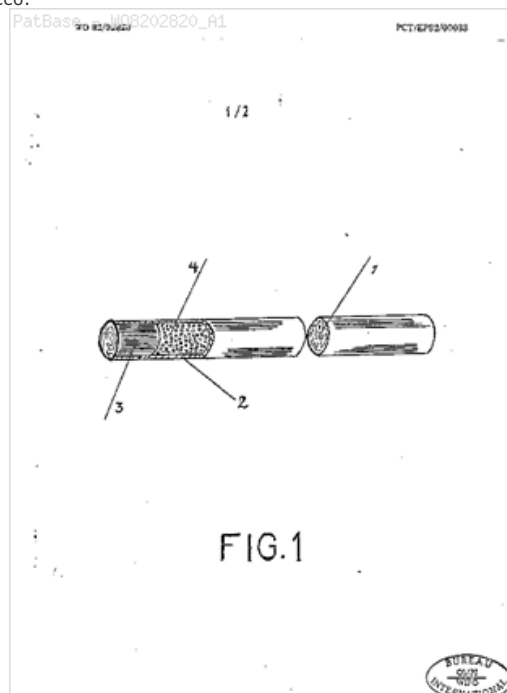
[Classification Explorer](#)

Cited documents: US4121599 A, US4049673 A, US3319630 A, CH461335 A,

Forward Citations: WO9408476, WO11000215, WO08064463, WO0193707, WO0119210, US6866045, US6792953, US5909736, NL1017166, GR2002100450, GR20020100450, GR1003595, GR1003595, FR2800299, FR2798302, FR2696080, EP2088877, EP2088877, EP1213977, EP0918474, EP0720434, EP0720434, EP0591048, DE8914619, CN103829370,

Abstract:

Filler system for tobacco smoke, comprising a **filter** element consisting of fibrous or granular **filter** material and whereby in the complete filler system at least one member of the group selected from biologically active dried yeast haemoglobin and granulated stimulants such as dry **coffee** and microcapsules, containing an activating **liquid** medium is occurring. Especially the biologically active dried yeast is applied causing the biologically active cells being at least partially decomposing and/or converting the components of the tobacco smoke in non-toxic compounds on account of their own internal metabolism. More preferably the invention is relating to **filter** systems for tobacco smoke comprising a **filter** element, consisting of fibrous or granular **filter** material wherein a mixture of biologically active dried yeast and matching amounts of microcapsules containing an activating **liquid** medium and more preferably water or an aqueous sugar solution of low concentration, and haemoglobin, and more preferably oxidized haemoglobin, are incorporated. The advantage of the application of such **filter** systems for tobacco smoke is related with the diminished contents of tobacco smoke of the components carbon monoxide, nitrogen oxides and hydrogen cyanides. In **filter capsules** or **cartridges** for cigarette pipes and tobacco pipes the haemoglobin is preferably mixed with already available **filter** materials and more particularly biologically active dried yeast as co-ingredient, while the haemoglobin and the dried yeast are preferably applied in a range of weight ratios from 1:2 to 2:1. and more preferably in a weight ratio of about 1:1. The biologically active dried yeast alone or mixed with other ingredients can be added in an amount of 0.01-0,5 g. pro gram of tobacco preferably in an amount of 0. 1-0.2 g. pro gram of tobacco.



Title: Preparation of 1-amino-1,3,5-triazine-2,4(1H, 3H)-diones
Priority: DE19813106724 19810224 CA19820396895 19820223

Family:	Publication number	Publication date	Application number	Application date
	BR8200940 A	19830104	BR19820000940	19820219
	CA1181067 A1	19850115	CA19820396895	19820223
	DE3106724 A1	19820909	DE19813106724	19810224
	DK78982 A	19820825	DK19820000789	19820223
	EP0058895 A1	19820901	EP19820101053	19820212
	IL65073 A0	19820430	IL19820065073	19820222
	JP57158766 A2	19820930	JP19820026174	19820222
	US4426523 A	19840117	US19820346341	19820205
	ZA8201162 A	19830126	ZA19820001162	19820223

Probable Assignee: BAYER AG
Assignee(s):(std): BAYER AG
Assignee(s): BAYER AKTIENGESSELLSCHAFT ; DICKORE KARLFRIED ; KUHLE ENGELBERT
Inventor(s):(std): DICKORE K ; DICKORE KARLFRIED ; DICKORE KARLFRIED DR ; ENGELBERT KUEHLE ; ENGERUBERUTO KIYUURE ; ENGERUBERUTO KYUURE ; KARLFRIED DICKORE ; KARURUFURIITO DEITSUKORE ; KUEHLE E ; KUEHLE ENGELBERT ; KUEHLE ENGELBERT DR ; KUHLE ENGELBERT DR ; KUHLE ENGELBERT
Agent(s): FETHERSTONHAUGH AND CO
Designated states: AT BE CH DE FR GB IT LI NL
International class (IPC 8-9): A01N43/64 C07C313/00 C07C337/08 C07C67/00 C07D251/38 C07D403/04 (Advanced/Invention); A01N43/64 C07C313/00 C07C337/00 C07C67/00 C07D251/00 (Core/Invention)
International class (IPC 1-7): A01N43/64 C07C125/067 C07C149/14 C07C157/14 C07C159/00 C07D251/26 C07D251/38 C07D403/04
CPC: C07D251/38
European class: 124BG18C2D 124PA2F3B3A C07D251/38
US class: 544/223

[Classification Explorer](#)

Cited documents: US4356024, US3950367, US3907796 A, EP0034751 A2, DE2254200 A1, DE1259871 B,
Forward Citations: WO14026928, US9518045, US9409894, JP6273278, JP2015526437, EP0160208, EA029143, CN104583205, CN104583205, CN104583179, CN104583179,

Abstract:
Herbicidal 1-amino-1,3,5-triazine-2,4(1H, 3H)-diones of the general formula (I) are obtained in good yields if an N-substituted O-aryl N-chlorocarbonyl carbamate of the general formula (II) is reacted with an isothiosemicarbazone of the general formula (III) or hydrohalide thereof, (R¹ to R⁴ in formulae (I) to (III) having the meanings given in the description), at a temperature between 0 DEG and 50 DEG C., in the presence of an acid-binding agent, the open-chain intermediate products formed thereby are then heated (if appropriate without intermediate isolation), in a second stage, to a temperature between 50 DEG and 150 DEG C. and, finally, in a third stage, the 1-alkylideneamino-1,3,5-triazine-2,4(1H, 3H)-dione formed thereby is hydrolyzed (if appropriate again without intermediate isolation) in an acid medium.



Title: HERBICIDALLY ACTIVE NOVEL SUBSTITUTED PHENYLSULFONYLUREA DERIVATIVES
Priority: JP19810144590 19810916 EP19820108192 19820906 US19820415629 19820907
CA19820411420 19820915 CA19820483271 19820915 CA19850483271 19850605

Family:	Publication number	Publication date	Application number	Application date
	AT20884 E	19860815	AT19820108192T	19820906
	AU198288374 A1	19830324	AU19820088374	19820914
	BR8205407 A	19830823	BR19820005407	19820915
	CA1225407 A1	19870811	CA19820483271	19820915
	CA1225407 A2	19870811	CA19850483271	19850605
	CA1225407 C	19870811	CA19850483271	19850605
	CS229691 B2	19840618	CS19820006669	19820916
	CS229691 P	19840514	CS19820006669	19820916
	DD204201 A5	19831123	DD19820243236	19820914
	DE3272147 D1	19860828	DE19823272147	19820906
	DK412782 A	19830317	DK19820004127	19820915
	EP0074595 A1	19830323	EP19820108192	19820906
	EP0074595 B1	19860723	EP19820108192	19820906
	ES515724 A0	19840316	ES19820515724	19820915
	ES515724 A2	19840416	ES19820515724	19820915
	ES8403444 A1	19840316	ES19820515724	19820915
	GR77338 B	19840911	GR19820069267	19820914
	GR77338 B	19840911	GR19820169267	19820914
	HU188806 B	19860528	HU19820002934	19820915
	IL66779 A0	19821231	IL19820066779	19820913
	IL66779 A1	19851231	IL19820066779	19820913
	JP58046071 A2	19830317	JP19810144590	19810916
	NZ201892 A	19850430	NZ19820201892	19820913
	PH18858 A	19851021	PH19820027837	19820908
	PL135593 B1	19851130	PL19820238231	19820915
	PL238231 A1	19840424	PL19820238231	19820915
	PT75510 A	19821001	PT19820075510	19820906
	PT75510 B	19841204	PT19820075510	19820906
	TR21759 A	19850606	TR19820021759	19820914
	US4474600 A	19841002	US19820415629	19820907
	US4474600 B1	19861104	US19820415629	19820907
	US4545944 A	19851008	US19830561610	19831214
	ZA8206755 A	19830831	ZA19820006755	19820915

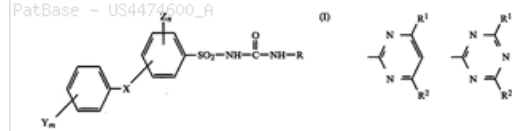
Probable Assignee: NIHON TOKUSHU NOYAKU SEIZO A CORP OF KK
Assignee(s):(std): NIHON TOKUSHU NOYAKU SEIZO KK
Assignee(s): NIPPON TOKUSHU NOYAKU SEIZO KK ; NIHON TOKUSHU NOYAKU SEIZO K K TOKYO JP ; NIHON TOKUSHU NOYAKU SEIZO KK JP ; SAITO JUNICHI ; YASUI KAZUOMI ; SHIOKAWA KOZO ; AYA MASAHIRO ; GOTO TOSHIO ; MORISHIMA NORIHISA ; NIHON TOKUSHU NOYAKU SEIZO A CORP OF KK ; NIHON TOKUSHU NOYAKU SEIZO K K ; NIHON TOKUSHU NOYAKU SEIZO K K JP
Inventor(s):(std): AYA MASAHIRO ; AYA MASAHIRO JP ; GOSHIMA TOSHIO ; GOTO TOSHIO ; GOTO TOSHIO JP ; MORISHIMA NORIHISA ; MORISHIMA NORIHISA JP ; SAITO JUNICHI ; SAITO JUNICHI JP ; SAITOU JIYUNICHI ; SHIOKAWA KOUZOU ; SHIOKAWA KOZO ; SHIOKAWA KOZO JP ; YASUI KAZUOMI JP ; YASUI KAZUTOMI ; TOSHIO GOTO ; NORIHISA MORISHIMA ; MOROSHIMA NORIHISA ; MASAHIRO AYA ; KOZO SHIOKAWA ; KAZUOMI YASUI ; JUNICHI SAITO ; YASUI KAZUOMI
Inventor(s): AYA M ; MOROSHIMA NORIHISA JP ; YASUI K ; SHIOKAWA K ; SAITO J ; MASAHIRO AYA JUNICHI SAITO ; MORIHISA M N ; GOTO T
Agent(s): DAVIES COLLISON CAVE; FETHERSTONHAUGH AND CO; REINHOLD COHN AND PARTNERS
Designated states: AT BE CH DE FR GB IT LI NL SE
International class (IPC 8-9): A01N47/36 C07D239/42 C07D239/46 C07D239/47 C07D239/52 C07D251/16 C07D251/46 C07D521/00 (Advanced/Invention); A01N47/28 C07D239/00 C07D251/00 C07D521/00 (Core/Invention)
International class (IPC 1-7): A01N41/06 A01N43/54 A01N43/66 A01N47/28 A01N47/34 A01N47/36 A01N9/12 A01N9/16 A01N9/22 C07C127/00 C07C143/78 C07C143/828 C07C143/833 C07C147/00 C07C153/00 C07D239/00 C07D239/26 C07D239/28 C07D239/32 C07D239/42 C07D239/46 C07D239/47 C07D239/52 C07D239/69 C07D251/00 C07D251/12 C07D251/14 C07D251/16 C07D251/20 C07D251/22 C07D251/42 C07D251/44 C07D251/46
CPC: A01N47/36 C07C311/65 C07D239/42 C07D521/00
European class: A01N47/36 C07C143/828 C07C311/65 C07D239/42 C07D521/00
US class: 260/545R 504/212 504/214 544/194 544/211 544/320 544/321 544/328 544/332 562/870 564/89 564/90 71/92 71/93

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Cited documents: US4368067 A, US4339267 A, US4191553 A, US4169719 A, US4127405 A, US3484466 A, US3280184 A, JP52122384 A2, FR1468747 A, EP0056969 A2, EP0053038 A2, EP0044211 A1, CA1128043 A1,

Forward Citations: WO12059050, US6075166, US4643761, US4602942, US4602941, US4602936, US4586951, US4568381, US4559079, US4514213, JP62201326, JP58146572, EP0151554, EP0142629, EP0136455, EP0129764, EP0129764, EP0094790, EP0094790, CN103003240, CN103003240, CN102464611,

Abstract: Substituted phenylsulfonylurea-derivatives of the general formula (I) wherein X represents an oxygen atom or a direct bond, Y and Z each represents a halogen atom, a lower alkyl group, a lower alkoxy group or a nitro group, R represents a group: wherein R1 and R2 each represents a lower alkyl group or a lower alkoxy group, m and n each represents 0, 1 or 2 with the proviso that m and n do not represent 0 at the same time, are novel and find use as herbicides. Corresponding substituted benzenesulfonyl isocyanates are novel intermediate compounds for use in preparing compounds of formula (I).



Title: Substituted azolylalkyl phenoxyphenoxyalkane-carboxylates as herbicides and plant growth regulators

Priority: DE19813122175 19810604 DE19823207484 19820302

Family:	Publication number	Publication date	Application number	Application date
	BR8203252 A	19830524	BR19820003252	19820603
	DE3122175 A1	19821223	DE19813122175	19810604
	DE3207484 A1	19830915	DE19823207484	19820302
	DK251282 A	19821205	DK19820002512	19820603
	EP0073880 A2	19830316	EP19820104537	19820525
	EP0073880 A3	19830608	EP19820104537	19820525
	IL65933 A0	19820930	IL19820065933	19820601
	JP57209276 A2	19821222	JP19820092270	19820601
	US4402727 A	19830906	US19820377879	19820513
	ZA8203895 A	19830427	ZA19820003895	19820603

Probable Assignee: BAYER AG

Assignee(s):(std): BAYER AG

Assignee(s): BAYER AKTIENGESSELLSCHAFT ; BAYER A CORP OF GERMANY AG

Inventor(s):(std): SCHMIDT ROBERT ; SCHMIDT ROBERT RUDOLF DR ; SCHMIDT ROBERT R DR ; SCHMIDT ROBERT DR ; SCHMIDT ROBERT ; SCHMIDT R ; RUUTOITSUHI OIE ; ROBERUTO SHIYUMITSUTO ; LURSEN KLAUS DR ; LUERSSEN KLAUS DR ; LUERSSEN KLAUS ; LUERSSEN K ; KURAUSU RIYURUSEN ; HAINTSU FUERUSUTAA ; FORSTER HEINZ DR ; FOERSTER HEINZ DR ; FOERSTER HEINZ ; FOERSTER H ; EUE LUDWIG DR ; EUE LUDWIG ; EUE L ; FORSTER HEINZ ; LAURSEN KLAUS

Inventor(s): R ; RUDOLF DR SCHMIDT ROBERT

Designated states: AT BE CH DE FR GB IT LI NL

International class (IPC 8-9): A01N43/50 A01N43/56 A01N43/64 A01N43/653 C07D231/12 C07D231/20 C07D233/54 C07D233/60 C07D249/08 C07D249/10 C07D521/00 (Advanced/Invention); A01N43/48 A01N43/64 C07D231/00 C07D233/00 C07D249/00 C07D521/00 (Core/Invention)

International class (IPC 1-7): A01N43/50 A01N43/56 A01N43/64 C07D231/10 C07D231/12 C07D231/16 C07D231/18 C07D233/54 C07D233/60 C07D233/61 C07D233/68 C07D249/00 C07D249/02 C07D249/08 C07D249/10

CPC: A01N43/50 A01N43/56 A01N43/64 A01N43/653 C07D231/12 C07D233/56 C07D249/08

European class: A01N43/50 A01N43/56 A01N43/64 A01N43/653 C07D231/12 C07D233/56 C07D249/08

US class: 504/169 504/272 504/275 504/280 548/255 548/264.2 548/266.8 548/267.4 548/268.2 548/268.6 548/341.5 548/370.4 548/376.1

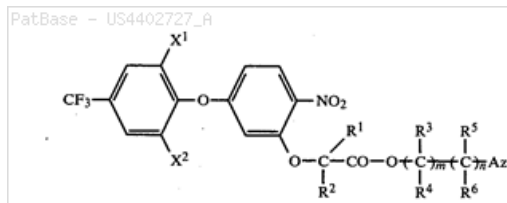
[Classification Explorer](#)

Cited documents: US3043819 A, FR2355500 A1, EP0020968 A1, EP0004303 A1, DE2311638 A1,

Forward Citations: US4808750, US4751329, JP60016925, EP0124186,

Abstract:

Substituted azolylalkyl phenoxyphenoxyalkanecarboxylates of the formula in which X1 and X2 each independently is a hydrogen or halogen atom, R1, R2, R3, R4, R5 and R6 each independently is hydrogen or an alkyl group having 1 to 4 carbon atoms, m is 1 or 2, n is 0 or 1, and Az represents an optionally substituted azolyl radical, or an addition pocket thereof with an acid, metal salt or quaternary-forming alkylating agent, which possess herbicidal and plant growth-regulating activity. Intermediates therefor are also new.



Title: Beverage production**Priority:** GB19820020855 19820719 GB19830011542 19830427 GB19830017823 19830630
CA19830432184 19830711

Family:	Publication number	Publication date	Application number	Application date
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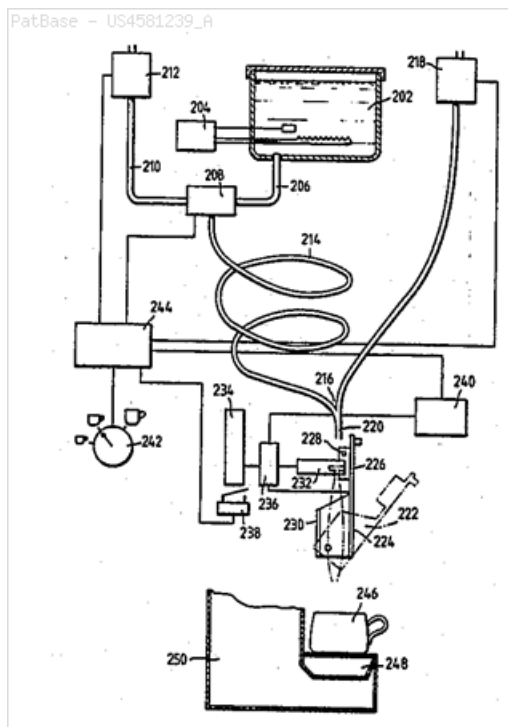
Probable Assignee: MARS UK LTD**Assignee(s):(std):** MARS LTD ; MARS G B LTD ; MARS UK LTD**Assignee(s):** SEWARD BARRY ; WOOLMAN PAUL ; MARS G B LIMITED TE LONDEN ; MARS G B LIMITED FORMERLY MARS LIMITED ; MARS GB LTD ; MARS G B LTD WAS MARS LTD ; MARS U K LTD ; MARS G B LIMITED ANTERIORMENTE MARS LIMITED ; MARS U K LTD SLOUGH BERKSHIRE GB ; GB LTD ; GB MARS LTD ; MAASU LTD ; MARS G B ANTERIORMENTE MARS LIMITED LTD ; MARS G B LIMITED**Inventor(s):(std):** BARI SEWAADO ; POORU UURUMAN ; SEWARD B ; SEWARD BARRY ; WOOLMAN P ; WOOLMAN PAUL**Inventor(s):** WOOLMAN PAUL STOKES POGES BUCKINGHAMSHIRE GB ; B SEWARD ; SEWARD BARRY HOOK HAMPSHIRE GB ; BARRY SEWARD ; HOORU UURUMAN ; P WOOLMAN ; PAUL WOOLMAN ; PAUL WOOLMAN ET BARRY SEWARD**Agent(s):** WATERMARK PATENT AND TRADE MARKS ATTORNEYS; WATERMARK INTELLECTUAL PROPERTY PTY LTD; GOWLING LAFLEUR HENDERSON LLP**International class (IPC 8-9):** A23F3/36 A23F5/20 A47J31/00 A47J31/06 A47J31/10 A47J31/24 A47J31/40 B65D81/00 B65D85/804 G07F13/06 (Advanced/Invention); A47J31/06 B65D85/804 (Advanced/Non-invention); A47J31/00 A47J31/06 A47J31/10 A47J31/24 A47J31/40 B65D81/00 B65D85/804 G07F13/06 (Core/Invention); A23F (Subclass/Invention)**International class (IPC 1-7):** A23F3/16 A23F3/36 A23F5/20 A23F5/24 A23F5/26 A47J31/00 A47J31/04 A47J31/06 A47J31/14 A47J31/24 A47J31/30 A47J31/32 A47J31/34 A47J31/36 A47J31/40 G07F13/06**CPC:** A47J31/002 A47J31/0642 B65D85/8043**European class:** A47J31/00M A47J31/06L A47J31/40B B65D85/804B**US class:** 426/431 426/433 426/435 99/280 99/282 99/283 99/287 99/299 99/302R[Classification Explorer](#)**Cited documents:** US4208957 A, US4189991 A, US4164964 A, US4143589 A, US4136202 A, US4061793 A, US3812273 A, US3740231 A, US3615708 A, US3536496 A, US3530787 A, US3499578 A, US3478670 A, US3469521 A, US3446137 A, US3423209 A, US3413907 A, US3371592 A, US3356010 A, US3352226 A, US3347151 A, US3199437 A, US3120440 A, US2926234 A, US2881692 A, US2783704 A, US2088966 A, US1710218 A, JP57027219 U1, JP54014789 U1, GB790522 A, GB622597 A, FR2228374 A5, FR1032159 A, DE1973093 U,

Forward Citations:

WO9820782, WO16023728, WO15132320, WO13098521, WO12174331, WO11024103, WO10059251, WO06123131, WO06002741, WO05074698, WO03095979, USD647399, USD647398, USD637484, US9844292, US9833102, US9743802, US9676546, US9663288, US9561900, US9555957, US9307860, US9290317, US9204751, US9155420, US9027463, US8998176, US8997633, US8927037, US8800431, US8784922, US8696899, US8621981, US8573114, US8522668, US8516948, US8505440, US8475860, US8468934, US8420139, US8399035, US8361527, US8327754, US8291812, US8003146, US7987768, US7964230, US7947316, US7930972, US7858135, US7789014, US7770512, US7513192, US7347138, US7299742, US7165488, US7047870, US6994015, US6948420, US6843165, US6786134, US6758130, US6740345, US6695168, US6449970, US6443335, US6360556, US6354342, US6354341, US6186051, US6182554, US6082247, US6079315, US5773067, US5680108, US5403605, US5337652, US5297472, US5272960, US4806375, US4779520, US4713526, US2014102308, US2013084363, US2012177794, US2011151075, US2011113969, US2011100229, US2011100228, US2011086148, US2011020499, US2011003038, US2010300299, US2010278988, US2010260908, US2010107885, US2010068354, US2010034943, US2010021604, US2009242070, US2009214713, US2008202346, US2008134902, US2008115674, US2008095904, US2008038441, US2008028948, US2007283817, US2007248734, US2007221066, US2007181005, US2007039479, US2006060090, US2005287251, US2005279215, US2005241489, US2005188854, US2005183581, US2005160917, US2005126400, US2005095158, US2005016383, US2004255790, US2004232173, US2004055473, US2004055472, US2003221564, TWI417057, TWI378889, NL1003716, JP63071712, JP4733697, JP2009361, JP2009360, JP2008503285, GB2441075, GB2441075, GB2433422, GB2215189, EP1761150, EP1609398, EP0821906, EP0600761, EP0334573, EP0334572, EP0250810, DE102014018381, DE101011145, CH668545, AU591410, AU2005259611,

Abstract:

A method for producing a beverage from an infusible material such as **coffee** or tea by contacting the material with aqueous medium such as hot water in successive discrete portions, each successive portion re-suspending and re-agitating the material to increase extraction efficiency. The infusible material is preferably enclosed in a disposable brewing container such as a sachet or **capsule**, the aqueous medium injected therein in successive cycles.



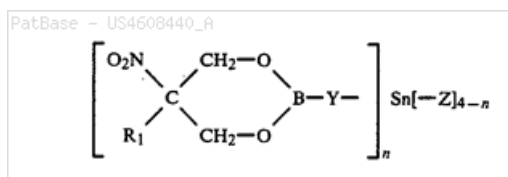
Title: 1,3,2-dioxaborinanes
Priority: DE19843404253 19840207
Family:

Publication number	Publication date	Application number	Application date
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DD233845 A1	19860312	DD19850273026	19850204
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PT79928 A	19850301	PT19850079928	19850206
PT79928 B	19870202	PT19850079928	19850206
TR22459 A	19871106	TR19850005772	19850207
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YU18185 A	19880229	YU19850000181	19850206
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Probable Assignee: CHEMIE LINZ AG
Assignee(s):(std): CHEMIE LINZ AG ; LENTIA GMBH
Assignee(s): OSTERREICHISCHE STICKSTOFFWERKE AG ; LENTIA GMBH CHEM U PHARM ERZEUGNISSE INDUSTRIEBEDARF DE ; LENTIA GMBH CHEM U PHARM ERZEUGNISSE INDUSTRIEBEDARF ; CHEMIE LINZ AG AT ; CHEMIE LINZ AKTIENGESellschaft ; LENTIA GESELLSCHAFT MIT BESCHRAENKTER HAFTUNG ; LENTIA GESELLSCHAFT MIT BESCHRANKTER HAFTUNG ; CHEMIE LINZ A G
Inventor(s):(std): BODINGBAUER HANS DR ; BODINGRAUER H ; DIPL ING DR WALTER RAML ; DIPL ING GERALD SAISCHEK ; BODINGBAUER HANS ; DR ERWIN WITTMANN ; ERUIN UITSUTOMAN ; GERARUTO ZAISUSHIETSUKU ; GRAF J ; GRAF JOSEF ; HANSU BOODEINGUBAUERU ; RAML W ; RAML WALTER ; RAML WALTER DIPL ING DR ; RAML WALTER DR ; RAML WALTER DR DIPL ING ; SAISCHEK G ; SAISCHEK GERALD ; SAISCHEK GERALD DIPL ING ; SAISCHER GERALD ; UARUTERU RAMURU ; WILLIMANN ERWIN ; WITTMANN E ; WITTMANN ERVIN ; WITTMANN ERWIN ; WITTMANN ERWIN DR ; YOOZEFU GURAAFU
Inventor(s): WITTMANN ERWIN AT ; WITTMANN ERVIN AT ; WALTER RAML ; SAISCHER GERALD AT ; SAISCHEK GERALD AT ; RAML WALTER AT ; JOSEF GRAF ; GRAF JOSEF AT ; HANS BODINGBAUER ; ERWIN WILLIMANN ; ERWIN WITTMANN ; GERALD SAISCHEK ; DRERWIN WITTMANN ; BODINGBAUER HANS AT ; DIPLINGDRWALTER RAML ; DIPLINGGERALD SAISCHEK
Agent(s): SPRUSON AND FERGUSON; ASPEN PHARMA PTY LTD
Designated states: AT BE CH DE FR GB IT LI LU NL SE
International class (IPC 8-9): A01N55/08 C07F7/22 (Advanced/Invention); A01N55/00 C07F7/00 (Core/Invention)
International class (IPC 1-7): A01N55/04 A01N55/08 A01N59/14 A01N9/02 B27K3/52 C02F1/50 C07D319/04 C07F5/00 C07F5/02 C07F5/04 C07F7/22 C08K5/57 C09D5/14 C09D7/12 C09J3/00
CPC: A01N55/08 C07F7/2232 C07F7/2268
European class: A01N55/08 C07F7/22D3 C07F7/22E3
US class: 504/152 514/493 556/7 71/97
[Classification Explorer](#)
Cited documents: US4035403 A, US4021407 A, US3657451 A, US3497537 A, US3312725 A, US3140977 A, US2904569 A, GB772646 A, FR1482847 A, DE2718320 A1, DE2610931 B2, DE2526711 B2, DE1246732 A, DE1178853 B, CH427404 A, AT284779 B,
Forward Citations: WO8806406, US9352485, US9290598, US9095141, US8546617, US7288533, US6878365, US2013261274, US2005106115, US2002165121, EP0281810, EP0235637, EP0235637, DE10346191,

Abstract:

Novel 1,3,2-dioxaborinanes of the general formula wherein R₁ is a straight-chain or branched alkyl group having 1 to 20 carbon atoms, a phenyl group or bromine, Y is a 1-oxy-2-thioethyl group, a 1-oxy-4-thiophenyl group or oxygen, each group Z independently of the others is a straight-chain or branched alkyl group having 1 to 20 carbon atoms, a cycloalkyl, bicycloalkyl or cycloalkylalkyl group, a phenyl group or a phenylalkyl radical, and n is the number 1 or 2. The compounds possess outstanding biocidal properties.



Title:

Novel 5-halogenoalkyl-1,3,4-thiadiazol-2-yloxyacetamide herbicides and fungicides

Priority:

DE19843400168 19840104 US19840684567 19841221 DE19843471102 19841227
EP19840116313 19841227 JP19840274223 19841227

Family:	Publication number	Publication date	Application number	Application date
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Probable Assignee:

BAYER AG

Assignee(s):(std):

DIEHR HANS JOACHIM ; FOERSTER HEINZ ; MAURER FRITZ ; KLAUKE ERICH ; EUE LUDWIG ; HAENSSLER GERD ; SANTEL HANS JOACHIM ; SCHMIDT ROBERT R ; REINICKE PAUL ; BAYER AG

Assignee(s):

BAYER AG DE ; BAYER AKTIENGESELLSCHAFT ; BAYER A G ; MAURER FRITZ DE ; SANTEL HANS JOACHIM DE ; REINICKE PAUL DE ; SCHMIDT ROBERT R DE ; KLAUKE ERICH DE ; EUE LUDWIG DE ; FOERSTER HEINZ DE ; DIEHR HANS JOACHIM DE ; HAENSSLER GERD DE

Inventor(s):(std):

DIEHR HANS JOACHIM DR ; DIEHRHANS JOACHIM ; DR ERICH KLAUKE ; DR FRITZ MAURER ; DR HANS JOACHIM DIEHR ; DR HEINZ FORSTER ; EERITSUHI KURAUKE ; ERICH KLAUKE ; EUE LUDWIG ; DIEHR HANS JOACHIM ; EUE LUDWIG DR ; FOERSTER HEINZ ; FORSTER HEINZ DR ; FORSTER HEIZ ; FRITZ MAURER ; FURITSUTSU MAURAA ; GERD HAENSSLER ; GERUTO HENSURAA ; HAENSSLER GERD ; HAENSSLER GERD DR ; HAINTSU FUERUSUTAA ; HANBLER GERD ; HANSSLER GERD DR ; HANSU JOACHIM DIEHR ; HANSU JOACHIM SANTEL ; HANSU YOAHHIMU DEIRU ; HANSU YOAHHIMU ZANTERU ; HANSUUYOAHIMU DEIRU ; HANSUUYOAHIMU ZANTERU ; HEINZ FOERSTER ; FOERSTER HEINZ DR ; FORSTER HEINZ ; HANSSLER GERD ; KLAUKE ERICH DR ; LUDWIG EUE ; MAUER FRITZ ; KLAUKE ERICH ; MAURER FRITZ ; MAURER FRITZ DR ; PAUL REINECKE ; PAURU RAINETSUKE ; REINECE PAUL ; REINECKE PAUL ; ROBERT R SCHMIDT ; ROBERTO AARU SHIYUMITSUTO ; RUUTOUITSUHI OIE ; SANTEL HANS JOACHIM ; SANTEL HANS JOACHIM DR ; SANTETHANS JOACHIM ; SCHMIDT ROBERT R ; REINECKE PAUL DR ; REINICKE PAUL ; SCHMIDT ROBERT R DR

Inventor(s):

REINICKE PAUL DE ; SCHMIDT ROBERT R DE ; SANTEL HANS JOACHIM DE ; REINECKE PAUL DE ; MAURER FRITZ DE ; KLAUKE ERICH DE ; MAUER FRITZ DE ; HANSSLER GERD DE ; FORSTER HEINZ DE ; HEINZ FORSTER ; HANS JOACHIM DIEHR ; HANS JOACHIM SANTEL ; HAENSSLER GERD DE ; HAENSSLER GERD DIPL LANDW DR ; GERD HANBLER ; FOERSTER HEINZ DE ; DIEHR HANS JOACHIM DE ; EUE LUDWIG DE

Agent(s):

DAVIES COLLISON CAVE; DAVIES COLLISON CAVE PTY LTD

Designated states:

AT BE CH DE FR GB IT LI NL SE

International class (IPC 8-9):

A01N43/82 A01N43/824 C07D285/12 C07D285/125 C07D285/13 C07D417/12 C07D491/113 (Advanced/Invention); A01N43/72 C07D285/00 C07D417/00 C07D491/00 (Core/Invention)

International class (IPC 1-7):

A01N37/18 A01N43/00 A01N43/12 A01N43/34 A01N43/78 A01N43/82 A01N43/824 A01N43/84 A01N57/00 A01N57/16 C07C161/00 C07D269/02 C07D271/00 C07D283/02 C07D285/02 C07D285/12 C07D285/13 C07D417/12 C07D491/113

CPC:

C07D285/12 A01N43/82 C07D285/125 C07D285/13

European class:

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US class:

504/167 504/168 504/170 504/219 504/225 504/235 504/247 504/249 504/263 514/363 540/603 544/134 546/135 546/209 548/136

[Classification Explorer](#)

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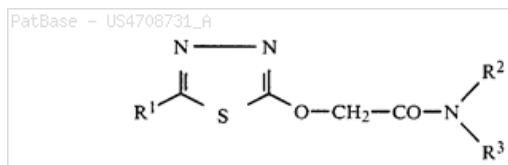
Forward Citations:

WO14121439, WO0109109, WO0105777, US6602827, US6544931, US5162539, US5101034, US5097038, US4988380, US4968342, KR20150109486, KR100687181, JP4936895, JP4936622, JP4211073, JP4211072, JP3080672, JP3040180, JP2045403, JP2007509871, JP2003528809, EP0440959, EP0348737, EP0348734, EP0271975, EP0217496, EP0151312, EP0148500, AU769586,

Abstract:

5-Halogenoalkyl-1,3,4-thiadiazol-2-yloxyacetamides of the formula in which R1 is halogenoalkyl, with the exception of trifluoromethyl, and R2 and R3 each independently is hydrogen, alkyl, alkenyl, alkynyl, in each case optionally substituted cycloalkyl or cycloalkenyl, halogenoalkyl, alkoxyalkyl, alkoxyalkylenoxy, alkoxy, aralkyl or optionally substituted aryl, or R2 and

R3, together with the nitrogen atom to which they are bonded, form an optionally substituted heterocyclic radical which can contain further hetero-atoms, which possess herbicidal and fungicidal activity. The intermediates 5-chlorodifluoromethyl- and 5-dichlorodifluoromethyl-2-chloro-1,3,4-thiadiazole are also new.



Title: SMOKING ARTICLE.**Priority:** US19840650604 19840914 US19840684537 19841221 AU19850046963 19850902
JP19850199642 19850911

Family:	Publication number	Publication date	Application number	Application date
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	AT126677 E	19950915	AT19850110771T	19850911
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	MX162549 A	19910520	MX19850206616	19850913
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PT81127 B	19950331	PT19850081127	19850913
RO93669 P	19880815	RO19850120101	19850913
YU144185 A	19870831	YU19850001441	19850913
YU43994 B	19900228	YU19850001441	19850913
ZW14685 A	19851030	ZW19850000146	19850904

Probable Assignee: REYNOLDS TOBACCO CO R

Assignee(s):(std): REYNOLDS TOBACCO CO R

Assignee(s): R J REYNOLDS TOBACCO CO US ; R J REYNOLDS TOBACCO CO ; REYNOLDS R J TOBACCO COMPANY ; R J REYNOLDS TABACCO CO US RO ; REYNOLDS TOBACCO CO ; R J REYNOLDS TOBACCO CO WINSTON SALEM N C US ; R J REYNOLDS TOBACCO CO EINE GESELLSCHAFT N D GES D STAATES NEW JERSEY WINSTON SALEM N C US ; REYNOLDS RJ TOBACCO CO ; REYNOLDS TOBACCO COMPANY R J ; REYNOLDS TOBACCO CO R J ; RJ REYNOLDS TOBACCO COMPANY ; RJ REYNOLDS TOBACCO CO ; RJ REYNOLDS TABACCO CO US RO ; RJREYNOLDS TOBACCO CO ; REYNOLDS TOBACCO CO RJ ; RJ REYNOLDS IND INC US ; RJ RENOLDS TOBACO CO ; RJ RENOLDS TOBACCO CO ; RJ RENOLDOS TOBACCO CO ; RJ REYNOLDS TOBACCO CO US ; JAPAN TOBACCO INC ; R J RENOLDOS TOBACCO COMPANY ; R J RENOLDS TOBACCO COMPANY ; R J RENOLDS TOBACO COMPANY ; R J REYNOLDS INDUSTRIES INC US ; R J REYNOLDS TOBACCO COMPANY

Inventor(s):(std): BANERJEE CHANDRA K ; BANERJEE CHANDRA KUMAR ; ANDREW JACKSON ; BENERJEE CHANDRA KUMAR ; FARRIER ERNEST G ; FARRIER ERNEST GILBER ; FARRIER ERNEST GILBERT ; IV JOHN HUGHES REYNOLDS ; REYNOLDS IV JOHN HUGHES ; REYNOLDS JOHN H ; REYNOLDS JOHN HUGHES ; REYNOLDS JOHN HUGHES IV ; REYNOLDS JOHN HUGHES JR ; RIDINGS H T ; RIDINGS HENRY T ; RIDINGS HENRY THOMAS ; ROAD H ; SENSABAUGH ADNDREW JACKSON JR ; SENSABAUGH ANDREW JACKSON ; SENSABAUGH ANDREW JACKSON JR ; SENSABAUGH EANDREU J JR ; SENSABAUGH JR A J ; SENSABAUGH JR ANDREW JACKSON ; SENSABAUGH JR ANREW JACKSON ; SENSABAUGHJUN ANDREW J ; SHANNON MICHAEL D ; SHANNON MICHAEL DAVID ; SHANON MICHAEL DAVID ; THOMAS HENRY ; SENSABAUGH JUN ANDREW J ; SENSABAUGHE ANDREW JACKSON JR ; REYNOLDS JOHN H IV ; REYNOLDS IV J H ; MICHAEL SHANNON ; MICHAEL DAVID SHANNON ; MAIKERU DEIBITSUDO SHIYANON ; MAIKERU DEIBITSUDO SHANON ; JON HYUUZU RENORUZU ZA FUOOSU ; JOHN HUGHES REYNOLDS IV ; JIYON HIYUUZU RENORUZU ZA FUOO ; JACKSON ANDREW ; IV JOHN HUGES REYNOLDS ; HENRY THOMAS RIDINGS ; HENRY RIDINGS JOHN REYNOLDS ; HENRII TOMASU RAIDEINGUSU ; ERNEST GILBERT FARRIER ; ERNEST FARRIER ; DANEEGEE CHANDRA K ; CHIYANDORA KUMARU BANERUJEE ; CHANDRA BANERJEE ; CHANDORA KUMARU BANERUJEE ; BANERJES CHANDRA KUMAR ; CHANDRA KUMAR BANERJEE ; BANERJEE C K ; ANDORUU JIYAKUSON SENSABOO JIY ; ANDORUU JAKUSON SENSABOO JUNIA ; AANESUTO GIRUBAATO FUARIAA ; ANDREW SENSABAUGH ; ANDREW JACKSON SENSABAUGH JR

Inventor(s): ANDORUU JIYAKUSON SENSABOO JIYUNIA ; ADNDREW JACKSON SENSABAUGH JR ; SHANNON MICHAEL DAVID LEWISVILLE NORTH CAROLINA 27023 US ; SENSABAUGH EANDREU JJR ; SENSABAUGH ANDREW JACKSON JR WINSTON SALEM NC 27103 US ; SENSABAUGH ANDREW JACKSON JR WINSTON SALEM N C 27103 US ; REYNOLDS JOHN HUGHES IV WINSTON SALEM NC 27103 US ; REYNOLDS JOHN HIV ; SENSABAUGH JR ; ANDREW SENSABAUGH RO ; CHANDRA BANERJEE RO ; BANERJEE CK ; CHANDRA KUMAR BANERJES ; ERNEST FARRIER RO ; HENRY THOMAS ; HENRY RIDINGS JOHN REYNOLDS RO ; JOHN HUGES REYNOLDS IV ; JIYON HIYUUZU RENORUZU ZA FUOOSU ; MICHAEL DAVID SHANON ; MICHAEL SHANNON RO ; REYNOLDS IVJH ; SENSABAUGHJUN ; SENSABAUGH JRAJ ; RIDINGS HT ; SHANNON MICHAEL DAVID LEWISVILLE NORTH ; SHANNON MICHAEL DAVID NORTH CAROLINA 27023 US ; SENSABAUGH JUN ; SENSABAUGH ANDREW JACKSON JR WINSTON SALEM N C ; SENSABAUGH ANDREW JACKSON JR WINSTON SALEM NC ; RIDINGS HENRY THOMAS LEWISVILLE N C 27023 US ; RIDINGS HENRY THOMAS LEWISVILLE NC 27023 US ; REYNOLDS JOHN HUGHES IV WINSTON SALEM N C 27103 US ; REYNOLDS IV JOHN HUGHES WINSTON SALEM NC 27103 US ; JOHN HUGHES REYNOLDS ; FARRIER ERNEST GILBERT NORTH CAROLINA 27105 US ; FARRIER ERNEST GILBERT WINSTON SALEM N C 27105 US ; FARRIER ERNEST GILBERT WINSTON SALEM NC 27105 US ; FARRIER ERNEST GILBERT WINSTON SALEM NC 27106 US ; CHANDRA KUMAR BENERJEE ; ANDREW JACKSON JR SENSABAUGH ; ANDREW JACKSON SENSABAUGH ; BANERJEE CHANDRA KUMAR PFAFFTOWN N C 27040 US ; BANERJEE CHANDRA KUMAR PFAFFTOWN NC 27040 US

Agent(s): SPRUSON AND FERGUSON; ASPEN PHARMA PTY LTD; REINHOLD COHN AND PARTNERS

Designated states: AT BE CH DE FR GB IT LI LU NL SE

International class (IPC 8-9): A24B15/00 A24B15/16 A24D1/00 A24D1/18 A24D3/06 A24F47/00 A61M15/06 F23Q2/18 (Advanced/Invention); A61M15/06 (Advanced/Non-invention); A24B15/00 A24D1/00 A24D3/00 A24F47/00 A61M15/06 F23Q2/00 (Core/Invention); A24D (Subclass/Invention)

International class (IPC 1-7): A24B15/00 A24B15/16 A24B15/28 A24C5/00 A24C5/50 A24C5/52 A24D1/00 A24D1/02 A24D1/04 A24D1/08 A24D1/18 A24D3/06 A24F1/00 A24F47/00 A61M15/06

CPC: A24D1/18 A24B15/165 A24F47/004

European class: A24B15/16K A24F47/00B2

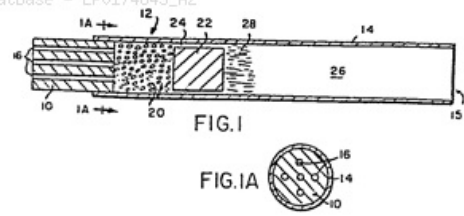
[Classification Explorer](#)

Cited documents: WO8401274 A1, US4340072 A, US3356094 A, US3258015 A, US2907686 A, GB1421045 A, EP0117355 A2,

Forward Citations: WO9010394, WO15101595, WO14155378, WO13149810, WO11081558, US9717273, US9532591, US8678013, US7647932, US7222847, US5727571, US5303720, US5211684, US5159940, US5137034, US5133368, US5088507, US5076297, US5076296, US5052413, US5050621, US5040551, US5019122, US4991606, US4989619, US4981522, US4955399, US4947874, US4938238, US4924883, US4903714, US4881556, US4870748, US4858630, US4827950, US4819665, US4779631, US4732168, TWI507220, TR26767, TR25593, TR22539, RU2614613, JP6235127, JP5869178, JP5714637, JP2016517702, JP2016064301, JP2015512266, JP2013144157, GR890100237, EP0949873, EP0949873, EP0562474, EP0340808, EP0340808, EP0337505, EP0337505, EP0337504, EP0337504, EP0336457, EP0336457, EP0336456, EP0336456, EP0305788, EP0304759, EP0295122, EP0283707, EP0281967, EP0280262, EP0277519, EP0277519, EP0271036, EP0270944, EP0270944, EP0270944, EP0270916, EP0270916, EP0270916, EP0264195, EP0254848, EP0254848, EP0254848, EP0245732, EP0245732, EP0241698, EP0212234, EP0212234, CN103610230, CN102821625, AU609678, AU607094,

Abstract:

The present invention relates to a smoking article which produces an aerosol that resembles tobacco smoke, but contains no more than a minimal amount of incomplete combustion or pyrolysis products. Preferred embodiments of the present smoking article comprise a short combustible carbonaceous fuel element, a heat stable substrate bearing an aerosol forming substance a heat conducting member which contacts a portion of the fuel element and the substrate, and an insulating jacket surrounding at least a portion of the fuel element. The smoking article of the present invention is capable of providing an aerosol "smoke" which is chemically simple, consisting essentially of air, oxides of carbon, water, and the aerosol which carries any desired flavorants or other desired volatile materials, and trace amounts of other materials. The aerosol "smoke" from the preferred embodiments has no significant mutagenic activity as measured by the Ames Test. In addition, the article may be made virtually ashless so that the user does not have to remove any ash during use.



Title: 2-(alkoximinoalkoxycarbonyl)-phenylsulphonylurea herbicides and fungicides
Priority: DE19843413490 19840410 CA19850478362 19850404 IL19850074833 19850408
Family:

Publication number	Publication date	Application number	Application date
BRPI8501661 A	19851210	BR1985PI01661	19850409
CA1217188 A1	19870127	CA19850478362	19850404
DE3413490 A1	19851017	DE19843413490	19840410
DK159085 A	19851011	DK19850001590	19850409
DK159085 A0	19850409	DK19850001590	19850409
EP0159576 A2	19851030	EP19850103839	19850329
EP0159576 A3	19860430	EP19850103839	19850329
HU37919 A2	19860328	HU19850001323	19850410
IL74833 A0	19850731	IL19850074833	19850408
JP60228464 A2	19851113	JP19850073651	19850409
KR19850007245 A	19851202	KR19850002380	19850409
PH20415 A	19870105	PH19850032119	19850410
US4659366 A	19870421	US19850716869	19850327
ZA8502603 A	19851127	ZA19850002603	19850409

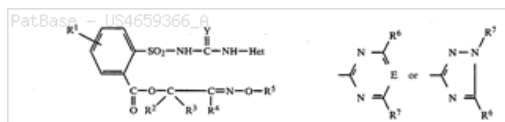
Probable Assignee: BAYER AG
Assignee(s):(std): BAYER AG
Assignee(s): BAYER AG DE ; BAYER AKTIENGESELLSCHAFT ; EUE LUDWIG ; HANSSLER GERD ; SANTEL HANS JOACHIM ; SCHMIDT ROBERT R ; STETTER JORG
Inventor(s):(std): GERD HAENSSLER ; HANBLER GERD ; HANSSLER GERD DR ; HANSU JOACHIM SANTEL ; HANSU YOAHIMU ZANTERU ; JOERG STETTER ; HANSSLER GERD ; LUDWIG EUE ; ROBERT R SCHMIDT ; SCHMIDT ROBERT R ; STETTER JOERG ; STETTER JORG ; STETTER JORG DR ; SANTEL HANS JOACHIM ; HAENSSLER GERD ; EUE LUDWIG ; STETTER JOERG DR ; SCHMIDT ROBERT R DR ; SANTEL HANS JOACHIM DR ; RUUTOUTSUHI OIE ; ROBERUTO AARU SHIYUMITSUTO ; IERUKU SHIYUTETSUTAA ; HAENSSLER GERD DR ; GERUTO HENSURAA ; EUE LUDWIG DR
Inventor(s): EUE LUDWIG DE ; STETTER JOERG DE ; SANTEL HANS JOACHIM DE ; R ; HANSSLER GERD DE ; JORG STETTER ; HANS JOACHIM SANTEL ; GERD HANBLER ; HAENSSLER GERD DIPL LANDW DR
Agent(s): FETHERSTONHAUGH AND CO
Designated states: AT BE CH DE FR GB IT LI NL
International class (IPC 8-9): A01N47/36 C07D239/28 C07D239/42 C07D239/47 C07D249/12 C07D249/14 C07D251/12 C07D251/46 C07D521/00 (Advanced/Invention); A01N47/28 C07D239/00 C07D249/00 C07D251/00 C07D521/00 (Core/Invention); C07D (Subclass/Invention)
International class (IPC 1-7): A01N43/48 A01N43/54 A01N47/36 A01N47/40 A61K31/505 C07D239/02 C07D239/28 C07D239/42 C07D239/47 C07D239/48 C07D239/52 C07D249/08 C07D249/12 C07D249/14 C07D251/12 C07D251/16 C07D251/22 C07D251/42 C07D251/46
CPC: A01N47/36 C07D521/00
European class: A01N47/36 C07D521/00
US class: 504/211 504/212 504/214 514/245 514/275 514/283 514/284 544/211 544/321 544/332 548/262.6 558/3 558/301 558/7 560/12 560/13

[Classification Explorer](#)

Cited documents: US4394506 A, US4372778 A, US4370480 A, EP0034431 A2, EP0030433 A1,
Forward Citations: WO8900991, US5171352, US5087282, US4995901, US4906282, TR26152, TR24994, GR90100559, GR900100559, GR900100558, FR2673181, EP0301784,

Abstract:

Herbicidally and fungicidally active novel 2-(alkoximinoalkoxycarbonyl)-phenylsulphonylureas of the formula in which R1 represents hydrogen, halogen, alkyl, halogenoalkyl, alkoxy or nitro, R2 represents hydrogen, alkyl or optionally substituted aryl, R3 represents hydrogen or alkyl, R4 represents hydrogen, alkyl, alkoxy, alkylthio, alkoxyalkyl, alkylthioalkyl, cyano, alkoxyalkyl or optionally substituted aryl, R5 represents hydrogen, alkyl, alkenyl, alkynyl, halogenoalkyl, halogenoalkenyl, alkoxyalkyl, alkylthioalkyl or optionally substituted aralkyl, Y represents oxygen or sulphur and Het represents a heterocyclic radical of the formula wherein E represents nitrogen or the CH group and R6 and R7 independently of one another each represent alkyl, alkoxy or alkoxyalkyl.



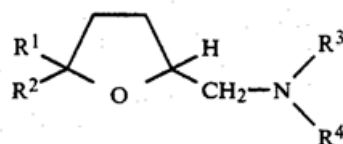
Title: Tetrahydrofuran-2-ylmethylamines and fungicidal and plant growth regulating use**Priority:** DE19843413996 19840413

Family:	Publication number	Publication date	Application number	Application date
	AU198541052 A1	19851031	AU19850041052	19850411
	BRPI8501743 A	19851210	BR1985PI01743	19850412
	DE3413996 A1	19851024	DE19843413996	19840413
	DK167385 A	19851014	DK19850001673	19850412
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	ES8603472 A1	19851216	ES19850542207	19850412
	GR850913 B	19851125	GR19850100913	19850410
	HU194554 B	19880229	HU19850001375	19850412
	HU37786 A2	19860228	HU19850001375	19850412
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	JP60228470 A2	19851113	JP19850073649	19850409
	KR19850007260 A	19851202	KR19850002462	19850412
	US4615725 A	19861007	US19850720827	19850408
	ZA8502741 A	19851224	ZA19850002741	19850412

Probable Assignee: BAYER AG**Assignee(s):(std):** BAYER AG**Assignee(s):** BAYER AG DE ; BAYER AKTIENGESSELLSCHAFT ; BAYER A G**Inventor(s):(std):** YOAHIMU BAISUMIYURAA ; WEISSMUELLER JOACHIM ; WEIBMULLER JOACHIM DR ; REINECKE PAUL DR ; WEISSMULLER JOACHIM ; WEISSMUELLER JOACHIM DR ; REINECKE PAUL ; PAURU RAINETSUKE ; LURSSSEN KLAUS DR ; LURSSSEN KLAUS ; LUERSSEN KLAUS DR ; LUERSSEN KLAUS ; KURAUUSU RIYURUSEN ; KRAMER WOLFGANG DR ; KRAMER WOLFGANG ; KRAEMER WOLFGANG DR ; KRAEMER WOLFGANG ; HAENSSLER GERD ; GERUTO HENSURAA ; HANSSLER GERD ; HANBLER GERD DR ; HAENSSLER GERD DR ; DEITAA BERUKU ; BRANDES WILHELM DR ; BRANDES WILHELM ; BORUFUGANGU KUREEMAA ; BIRUHERUMU BURANDESU ; BERG DIETER DR ; BERG DIETER**Inventor(s):** BERG DIETER DE ; BRANDES WILHELM DIPL LANDW DR ; BRANDES WILHELM DE ; HAENSSLER GERD DIPL LANDW DR ; HAENSSLER GERD DE ; GERD HANSSLER ; GERD HAENSSLER ; DR WOLFGANG KRAMER ; DR WILHELM BRANDES ; DR PAUL REINECKE ; DR KLAUS LURSSSEN ; DR JOACHIM WEIBMULLER ; DR GERD HANBLER ; DR DIETER BERG ; DIETER BERG ; KLAUS LURSSSEN ; KLAUS LUERSSEN ; JOACHIM WEISSMULLER ; JOACHIM WEISSMUELLER ; KRAEMER WOLFGANG DE ; LUERSSEN KLAUS DE ; LURSSSEN KLAUS DE ; PAUL REINECKE ; WEISSMUELLER JOACHIM DE ; REINECKE PAUL DE ; WOLFGANG KRAMER ; WOLFGANG KRAEMER ; WILHELM BRANDES**Agent(s):** DAVIES COLLISON CAVE; DAVIES COLLISON CAVE PTY LTD**Designated states:** AT BE CH DE FR GB IT LI NL SE**International class (IPC 8-9):** A01N43/08 C07C17/26 C07C33/48 C07C43/23 C07D303/22 C07D307/10 C07D307/12 C07D307/14 C07D317/28 C07D405/06 C07D413/06 (Advanced/Invention); A01N43/02 C07C17/00 C07C33/00 C07C43/00 C07D303/00 C07D307/00 C07D317/00 C07D405/00 C07D413/00 (Core/Invention)**International class (IPC 1-7):** A01N43/08 A01N43/36 A01N43/40 A01N43/84 C07D211/00 C07D265/00 C07D307/00 C07D307/14 C07D317/28 C07D405/06 C07D413/06**CPC:** C07D303/22 A01N43/08 C07C17/2632 C07C33/483 C07C43/23 C07D307/10 C07D307/12 C07D307/14 C07D405/06 C07D413/06**European class:** A01N43/08 C07C17/263B C07C33/48A C07C43/23 C07D303/22 C07D307/10 C07D307/12 C07D307/14 C07D405/06 C07D413/06**US class:** 504/219 504/225 504/248 504/283 504/294 514/217.03 514/231.5 514/254.1 514/326 514/422 514/471 540/596 546/214 548/517 549/492 549/494[Classification Explorer](#)**Cited documents:** JP58077877 A2, GB907528 A, DE3305769 A1, DE3140633 A1,**Forward Citations:** WO9317556, WO16149234, WO13188252, WO13188252, WO13039937, WO12087980, US8168635, US5276006, US5244864, US5224982, US5224981, US5128368, US4988729, US4904656, US4888337, US4871761, US4861791, KR100863572, EP1771435, EP1771435, EP0428540, EP0289913, EP0284952, EP0278352, EP0278311, EP0268923, DE4115433, AT397800,**Abstract:**

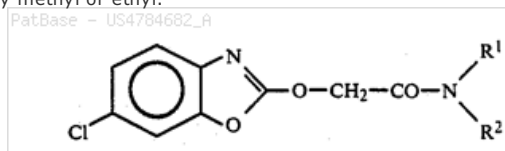
Tetrahydrofuran-2-ylmethylamines of the formula in which R¹ represents optionally substituted naphthyl, optionally substituted cycloalkyl or cycloalkenyl, optionally substituted phenyl, or alkyl which is substituted by in each case optionally substituted phenyl, phenoxy or phenylthio, R² represents hydrogen or methyl, R³ represents alkyl and R⁴ represents alkyl, alkenyl, alkynyl or optionally substituted aralkyl, or R³ and R⁴, together with the nitrogen atom to which they are bonded, represent an optionally substituted heterocyclic radical, which can contain further hetero-atoms, excluding the compounds in which R³ and R⁴ both represent methyl, R¹ represents unsubstituted phenyl and R² at the same time represents hydrogen, or plant-tolerated addition products thereof with acids or metal salts, which possess fungicidal and plant growth regulating activities.

PatBase - US4615725_A



Title: 6-chlorobenzazolyloxyacetamides**Priority:** DE19843418168 19840516 US19850731233 19850506 EP19850105482 19850506
DE19853573424 19850506 CS19850003450 19850514 CS19860000884 19860207

Family:	Publication number	Publication date	Application number	Application date
	AT46902 E	19891015	AT19850105482T	19850506
	AU198542514 A1	19851121	AU19850042514	19850515
	BRPI8502288 A	19860114	BR1985PI02288	19850515
	CS252829 B2	19871015	CS19850003450	19850514
	CS252846 B2	19871015	CS19860000884	19860207
	DE3418168 A1	19851121	DE19843418168	19840516
	DE3573424 D1	19891109	DE19853573424	19850506
	DK214285 A	19851117	DK19850002142	19850514
	DK214285 A0	19850514	DK19850002142	19850514
	EP0161602 A2	19851121	EP19850105482	19850506
	EP0161602 A3	19861203	EP19850105482	19850506
	EP0161602 B1	19891004	EP19850105482	19850506
	ES543160 A0	19860101	ES19850543160	19850514
	ES8603851 A1	19860101	ES19850543160	19850514
	HU38221 A2	19860528	HU19850001839	19850516
	IL75178 A0	19850929	IL19850075178	19850513
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	JP60246379 A2	19851206	JP19850099758	19850513
	JP7017620 B4	19950301	JP19850099758	19850513
	KR19850007975 A	19851211	KR19850003317	19850515
	KR920009883 B1	19921105	KR19850003317	19850515
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	PL253400 A1	19860812	PL19850253400	19850515
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	ZA8503684 A	19851224	ZA19850003684	19850515

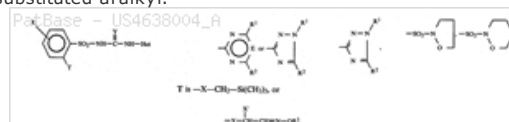
Probable Assignee: BAYER AG**Assignee(s):**(std): BAYER AG**Assignee(s):** BAYER AG DE ; BAYER AKTIENGESELLSCHAFT ; BAYER A G**Inventor(s):**(std): EUE LUDWIG ; EUE LUDWIG DR ; FOERSTER HEINZ ; FOERSTER HEINZ DR ; FORSTER HEINZ ; FORSTER HEINZ DR ; FORSTER HEIZ ; GERD HAENSSLER ; HAENSSLER GERD ; HAENSSLER GERD DR ; HANSSLER GERD ; HANSSLER GERD DR ; HEINZ FOERSTER ; MUES VOLKER DR ; ROBERT R SCHMIDT ; MUES VOLKER ; SANTEL HANS JOACHIM ; SANTEL HANS JOACHIM DR ; SCHMIDT ROBERT ; SCHMIDT ROBERT R ; SCHMIDT ROBERT R DR ; SCHMIDT ROBERT RUDOLPH DR ; SCHMIDT RUBERT R ; RUUTOITSUHI OIE ; ROBERTO AARU SHIYUMITSUTO ; HANSU YOAHHIMU ZANTERU ; HAINTSU FUERUSUTAA ; GERUTO HENSURAA ; FUORUKAA MIYUUSU**Inventor(s):** DR SANTEL HANS JOACHIM ; VOLKER MUES ; SCHMIDT ROBERT R DE ; SCHMIDT ROBERT DE ; SANTEL HANS JOACHIM DE ; MUES VOLKER DE ; RUBERT R SCHMIDT ; RUDOLPH DR SCHMIDT ROBERT ; HEINZ FORSTER ; LUDWIG EUE ; HANS JOACHIM SANTEL ; HAENSSLER GERD DE ; HAENSSLER GERD DIPL LANDW DR ; GERD HANSSLER ; FOERSTER HEINZ DE ; EUE LUDWIG DE**Agent(s):** DAVIES COLLISON CAVE; DAVIES COLLISON CAVE PTY LTD**Designated states:** AT BE CH DE FR GB IT LI NL SE**International class**
(IPC 8-9): A01N43/74 A01N43/76 A01N43/78 C07D263/58 C07D277/68 C07D413/12
C07D417/12 (Advanced/Invention);
A01N43/72 C07D263/00 C07D277/00 C07D413/00 C07D417/00 (Core/Invention)**International class**
(IPC 1-7): A01N43/74 A01N43/76 A01N43/78 C07D207/02 C07D211/00 C07D211/06 C07D211/68 C07D215/00 C07D215/02 C07D223/04 C07D263/00 C07D263/14 C07D263/58 C07D277/00 C07D277/68 C07D413/12 C07D417/12**CPC:** C07D263/58 A01N43/74 C07D277/68 C07D417/12**European class:** A01N43/74 C07D263/58 C07D277/68 C07D417/12**US class:** 504/219 504/247 504/249 504/267 504/270 514/375 548/221[Classification Explorer](#)**Cited documents:** US4509971 A, US4384881 A, JP56086176 A2, JP54154762 A2, EP0037527 A1, EP0005501 A2, DE3038652 A1, DE3038599 A1,**Forward Citations:** WO9708160, WO06047438, WO04108694, US9181219, US8916550, US8389546, US8067592, US7998980, US7803790, US7671055, US7511151, US7420090, US7371764, US7271130, US6967188, US6340655, US5442074, US5356864, US5328897, US5234896, US4746351, US2010273777, US2008261993, US2008146611, US2007213321, US2007197472, US2007135468, US2007072884, US2007042996, US2006270688, US2006194763, US2006148859, US2006058397, US2006009359, US2004102321, JP6199822, JP61017575, JP6056805, JP4996009, JP3503070, JP3237802, JP2002508363, EP2243370, EP2243369, EP2243368, EP2243367, EP2243366, EP2243365, EP2243364, EP2243363, EP2243362, EP2243361, EP2236032, EP2236031, EP2213171, EP2213170, EP1552746, EP0588183, EP0573882, EP0537539, EP0510479, BG65940,**Abstract:**Herbicidally and fungicidally active novel 6-chlorobenzazolyloxyacetanilides of the formula in which R¹ is alkyl with 1 to 6 carbon atoms, and R² is phenyl which is optionally mono-, di- or tri-substituted by methyl or ethyl.

Title: Substituted phenylsulphonylureas**Priority:** DE19843420769 19840604

Family:	Publication number	Publication date	Application number	Application date
	BRPI8502655 A	19860212	BR1985PI02655	19850603
	DE3420769 A1	19851205	DE19843420769	19840604
	DK248985 A	19851205	DK19850002489	19850603
	DK248985 A0	19850603	DK19850002489	19850603
	EP0164017 A2	19851211	EP19850106249	19850522
	EP0164017 A3	19861015	EP19850106249	19850522
	ES543832 A0	19860116	ES19850543832	19850603
	ES8604172 A1	19860116	ES19850543832	19850603
	HU38224 A2	19860528	HU19850002150	19850603
	IL75366 A0	19850929	IL19850075366	19850531
	JP61040273 A2	19860226	JP19850116838	19850531
	US4638004 A	19870120	US19850734503	19850515
	ZA8504165 A	19860430	ZA19850004165	19850603

Probable Assignee: BAYER AG**Assignee(s):(std):** BAYER AG**Assignee(s):** BAYER AG DE ; BAYER AKTIENGESELLSCHAFT**Inventor(s):(std):** GERD HAENSSLER ; GERUTO HENSURAA ; HAENSSLER GERD ; HAENSSLER GERD DR ; HAINTSU YURUGEN BUROBURIOUSUKI ; HANBLER GERD ; HANSSLER GERD ; HANSSLER GERD DR ; HANSU JOACHIM SANTEL ; HANSU YOAHIMU ZANTERU ; HEINZ JUERGEN WROBLOWSKY ; IERUKU SHIYUTETSUTAA ; JOERG STETTER ; KLAUS LUERSSEN ; LUERSSEN KLAUS DR ; LURSSSEN KLAUS ; LURSSSEN KLAUS DR ; ROBERT R SCHMIDT ; ROBERUTO AARU SHIYUMITSUTO ; KURASU RIYURUSEN ; LUERSSEN KLAUS ; SANTEL HANS JOACHIM ; SCHMIDT ROBERT R ; SCHMIDT ROBERT R DR ; SCHMIDT ROBERT RUDOLF DR ; STETTER JOERG ; STETTER JOERG DR ; STETTER JORG ; STETTER JORG DR ; WROBLOWSKY HEINZ JUERGEN ; SANTEL HANS JOACHIM DR ; SCHMIDT ROBERT ; WROBLOWSKY HEINZ JUERGEN DR ; WROBLOWSKY HEINZ JURGEN ; WROBLOWSKY HEINZ JURGEN DR**Inventor(s):** SCHMIDT ROBERT DE ; WROBLOWSKY HEINZ JUERGEN DE ; STETTER JOERG DE ; SANTEL HANS JOACHIM DE ; LUERSSEN KLAUS DE ; RUDOLF DR SCHMIDT ROBERT ; KLAUS LURSSSEN ; JORG STETTER ; HEINZ JURGEN WROBLOWSKY ; HANBLER GERD DE ; HANS JOACHIM SANTEL ; HAENSSLER GERD DIPL LANDW DR ; GERD HANSSLER**Designated states:** AT BE CH DE FR GB IT LI NL**International class (IPC 8-9):** A01N47/36 A01N55/00 A01N55/10 A01N57/00 C07D239/42 C07D239/47 C07D249/14 C07D413/12 C07D521/00 C07F7/08 (Advanced/Invention); A01N47/28 A01N55/00 A01N57/00 C07D239/00 C07D249/00 C07D413/00 C07D521/00 C07F7/00 (Core/Invention)**International class (IPC 1-7):** A01N43/54 A01N43/653 A01N47/36 A01N47/40 A01N55/00 C07C143/78 C07D239/42 C07D239/46 C07D239/47 C07D249/00 C07D249/14 C07D251/22 C07D261/00 C07D265/00 C07D413/12 C07F7/08 C07F7/10**CPC:** C07D521/00 A01N47/36 A01N55/00 C07F7/0812**European class:** 124BG17C3C1/07 A01N47/36 A01N55/00 C07D521/00 C07F7/08C6B**US class:** 504/212 504/214 504/216 514/272 514/275 544/229 544/321 544/332[Classification Explorer](#)**Cited documents:** US4588432 A, US4213914 A, EP0103537 A2, EP0085028 A2, EP0074282 A1,**Forward Citations:** WO8900991, WO13039937, WO12087980, US4995901, US4906282, ES2033200, EP0301784,**Abstract:**

Plant growth-regulating and fungicidally active novel substituted phenylsulphonylureas of the formula in which R is hydrogen, halogen, alkyl, alkoxy, halogenoalkyl or nitro, Y is oxygen or sulphur, Het is T is -X-CH₂-Si(CH₃)₃, or or, if Het is can also be -O-CH₂-CN or -O-CH₂-CO-CH₃, E is nitrogen or CH, R₁ and R₂ each independently is alkyl, alkoxy, or alkoxyalkyl, X is oxygen, sulphur, the sulphonyl group or the sulphonyl group, X' is hydrogen or alkyl and R₃ is hydrogen, alkyl, alkenyl, alkynyl, halogenoalkyl, halogenoalkenyl, alkoxyalkyl, alkylthioalkyl or optionally substituted aralkyl.



Title: Herbicidal benzodisultam derivative, compositions and method of use therefor

Priority: DE19843431922 19840830 DE19853516616 19850509 DE19853569377 19850819
EP19850110825 19850819 US19850769191 19850823

Family:	Publication number	Publication date	Application number	Application date
	AT42099 E	19890415	AT19850110825T	19850819
	AU198546654 A1	19860306	AU19850046654	19850826
	AU576888 B2	19880908	AU19850046654	19850826
	BRPI8504153 A	19860624	BR1985PI04153	19850829
	CA1244015 A1	19881101	CA19850489612	19850828
	DD237780 A5	19860730	DD19850280073	19850828
	DE3516616 A1	19860313	DE19853516616	19850509
	DE3569377 D1	19890518	DE19853569377	19850819
	DK394285 A	19860301	DK19850003942	19850829
	DK394285 A0	19850829	DK19850003942	19850829
	EP0173314 A2	19860305	EP19850110825	19850819
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	ES8604941 A1	19860301	ES19850546555	19850830
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	HU195963 B	19880829	HU19850003277	19850829
	HU39445 A2	19860929	HU19850003277	19850829
	IL76215 A0	19860131	IL19850076215	19850827
	IL76215 A1	19890515	IL19850076215	19850827
	JP5066955 B4	19930922	JP19850188709	19850829
	JP61060686 A2	19860328	JP19850188709	19850829
	KR19870002137 A	19870330	KR19850006254	19850829
	KR920008821 B1	19921009	KR19850006254	19850829
	NZ213262 A	19880229	NZ19850213262	19850827
	TR22398 A	19870325	TR19850036702	19850823
	US4680052 A	19870714	US19850769191	19850823
	US4769455 A	19880906	US19870013611	19870212
	ZA8506585 A	19860430	ZA19850006585	19850829

Probable Assignee: TAKEDA PHARAMCEUTICAL CO LTD

Assignee(s):(std): BAYER AG

Assignee(s): BAYER AG DE ; BAYER AKTIENGESSELLSCHAFT ; TAKEDA PHARAMCEUTICAL CO LTD ; BAYER A CORP OF GERMANY AG ; BAYER A G

Inventor(s):(std): DR CHRISTA FEST ; DR HANS JOACHIM DIEHR ; DR HANS JOACHIM SANTEL ; DR HANS JOCHEM RIEBEL ; DR JOACHIM KLUTH ; DR KLAUS HELMUT MULLER ; DR ROBERT R SCHMIDT ; DR ROLF KIRSTEN ; DR THEODOR PFISTER ; DR UWE PRIESNITZ ; DR WOLFGANG ROY ; FEST C ; FEST CHRISTA ; HANSU JOACHIM RIEBEL ; HANSU JOACHIM SANTEL ; HANSU YOA HIMU DEIRU ; HANSU YOA HIMU ZANTERU ; HANSU YOTSUHEMU RIIBERU ; HANSUUYOA HIMU DEIRU ; HANSUUYOA HIMU ZANTERU ; HANSUUYOTSUHEMU RIIBERU ; DIEHR H J ; DIEHR HANS J ; DIEHR HANS JOACHIM ; KIRSTE ROLB ; KIRSTEN R ; KIRSTEN ROLF ; BORUFUGANGU ROI ; KLAUS HELMUT MUELLER ; KURAU SU HERUMUUTO MIYURAA ; KURAU SUUHERUMUUTO MYURAA ; KURISUTA FUESUTO ; MUELLER KLAUS HELMUT ; MULLER K H ; MULLER KLAUS HELMUT ; MULLER KLAUS HELMUT DR ; PFISTER T ; PFISTER THEODOR ; PRIESNITZ U ; PRIESNITZ UWE ; RIEBEL H J ; RIEBEL HANS JOACHEM ; RIEBEL HANS JOCHEM ; KLUTH J ; KLUTH JOACHIM ; RIEBEL HANS JOCHEM DR ; RIEBEL HANS JOCHEN ; ROB ; ROBERT R SCHMIDT ; ROBERUTO AARU SHIYUMITSUTO ; RORUFU KIRUSUTEN ; ROY W ; ROY WOLFGANG ; SANTEL H J ; SANTEL HANS JOACHIM ; SCHMIDT R R ; SCHMIDT ROBERT R ; TEODOORU PUFUISUTAA ; UBE PURIISUNITSUTSU ; PRIESNITZ UWE DR ; PFISTER THEODOR DR ; MUELLER KLAUS HELMUT DR ; KLUTH JOACHIM DR ; KIRSTEN ROLF DR ; FEST CHRISTA DR ; DIEHR HANS JOACHIM DR ; RIEBEL HANS JOACHIM ; YOA HIMU KURUTO ; SCHMIDT ROBERT R DR ; SANTEL HANS JOACHIM DR ; ROY WOLFGANG DR ; RIEBEL HANS JOACHIM DR

Inventor(s): R DR SCHMIDT ROBERT ; UWE PRIESNITZ ; WOLFGANG ROY ; THEODOR PFISTER ; SCHMIDT ROBERT R DE ; SANTEL HANS JOACHIM DE ; ROY WOLFGANG DE ; ROLF KIRSTEN ; RIEBEL HANS JOCHEN DE ; KLUTH JOACHIM DE ; RIEBEL HANS JOCHEM DE ; PRIESNITZ UWE DE ; R ; PFISTER THEODOR DE ; MUELLER KLAUS HELMUT DE ; KLAUS HELMUT MULLER ; CHRISTA FEST ; KIRSTEN ROLF DE ; DIEHR HANS JOACHIM DE ; JOACHIM KLUTH ; FEST CHRISTA DE ; HANS JOACHEM RIEBEL ; HANS JOACHIM DIEHR ; HANS JOACHIM SANTEL ; HANS JOCHEM RIEBEL

Agent(s): DAVIES COLLISON CAVE; DAVIES COLLISON CAVE PTY LTD; REINHOLD COHN AND PARTNERS

Designated states: AT BE CH DE FR GB IT LI NL SE

International class (IPC 8-9): A01N41/10 A01N43/72 A01N47/44 C07D213/75 C07D239/00 C07D239/28 C07D239/42 C07D239/47 C07D239/52 C07D285/00 C07D285/36 C07D417/12 (Advanced/Invention); A01N41/00 A01N43/72 A01N47/40 C07D213/00 C07D239/00 C07D285/00 C07D417/00 (Core/Invention); A01N C07D (Subclass/Invention)

International class (IPC 1-7): A01N41/10 A01N43/66 A01N43/72 A01N47/44 C07D213/75 C07D239/00 C07D239/28 C07D239/42 C07D239/47 C07D239/52 C07D239/00 C07D285/00 C07D285/36 C07D285/38 C07D285/00 C07D401/04 C07D401/12 C07D403/12 C07D417/00 C07D417/04 C07D417/12

CPC: C07D417/12 A01N43/72 C07D239/28 C07D285/36

European class: A01N43/72 C07D239/28 C07D285/36 C07D417/12 M07D239/28 M07D285/36 M07D417/12 M07D417/12+285+239B

US class: 504/218 504/219 540/489 540/490 540/545 540/552

[Classification Explorer](#)

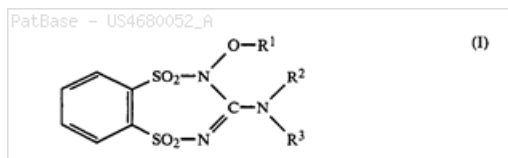
Cited documents: US3974155 A, US3803149 A, US3313811 A, JP61263976, FR1571016 A, EP0173316 A2, EP0023141 A2,

Forward Citations: US5456969, JP2012514608, EP0217038,

Abstract:

The invention relates to new benzodisultams of the general formula (I) (I) in which R1 represents an optionally substituted radical from the series comprising alkyl, alkenyl, alkynyl, cycloalkyl, cycloalkylalkyl, aralkyl and aryl, R2 represents hydrogen or an

optionally substituted radical from the series comprising alkyl, alkemyl, alkynyl and aralkyl, and R3 represents an optionally substituted and/or optionally fused six-membered aromatic heterocyclic radical which contains at least one nitrogen atom, a process for their preparation and their use as herbicides.



Title: Smoking article**Priority:** US19840650604 19840914 US19840684537 19841221 CA19850490663 19850913
US19870088935 19870824

Family:	Publication number	Publication date	Application number	Application date
	BG46304 A3	19891115	BG19850071703	19850913
	CA1305387 A1	19920721	CA19850490663	19850913
	CS273608 B2	19910312	CS19850006507	19850912
	CS8506507 A2	19900814	CS19850006507	19850912
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	DD295080 A5	19911024	DD19850341719	19850913
	DD295081 A5	19911024	DD19850341720	19850913
	HU202390 B	19910328	HU19850003467	19850913
	JP1681670 C3	19920731	JP19850199642	19850911
	JP3045658 B4	19910711	JP19850199642	19850911
	JP61092558 A2	19860510	JP19850199642	19850911
	MN430 A1	19890615	MN19880000851	19880516
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	PH24137 A	19900322	PH19850032708	19850827
	SU1575929 A3	19900630	SU19853953697	19850913
	SU1595329 A3	19900923	SU19874202035	19870223
	SU1658809 A3	19910623	SU19874202037	19870223
	TR24464 A	19911010	TR19850038105	19850916
	US4793365 A	19881227	US19840650604	19840914
	US5076292 A	19911231	US19870088935	19870824
	ZA8506484 A	19860430	ZA19850006484	19850826
	ZM6285 A	19860123	ZM19850000062	19850905

Probable Assignee: R J REYNOLDS TOBACCO CO**Assignee(s):(std):** R DZH REYNOLDS TOBACCO KOMPANI FA ; R I REYNOLDS TOBACCO CO ; R J REYNOLDS TOBACCO CO ; R J REYNOLDS TOBACCO CO ; R J REYNOLDS TOBACCO CO US ; R J REYNOLDS TOBACCO COMPANY ; REYNOLDS TOBACCO CO R J ; REYNOLDS R J TOBACCO CO ; REYNOLDS TOBACCO CO R**Assignee(s):** REYNOLDS TOBACCO CO ; RJREYNOLDS TOBACCO CO US ; RJ REYNOLDS TOBACCO CO ; RDZHREYNOLDS TOBACCO KOMPANI ; RJREYNOLDS TOBACCO CO ; REYNOLDS R J TOBACCO COMPANY ; REYNOLDS JOHN HUGHES IV ; REYNOLDS RJ TOBACCO CO ; RIDINGS HENRY THOMAS ; SENSABAUGH ANDREW JACKSON JR ; RDZHREYNOLDS TOBACCO KOMPANI FIRMA ; R I REYNOLDS TOBACCO COMPANY US ; R J REYNOLDS TOBACCO COMPANY US ; R J REYNOLDS TOBACCO COMPANY US ; R J REYNOLDS TOBACCO COMPANY US ; R J REYNOLDS TOBACCO COMPANY ; R J REYNOLDS TOBACCO CO A NJ CORP ; R I REYNOLDS TOBACCO CO US ; R J REYNOLDS TOBACCO CO ; R J REYNOLDS TOBACCO CO US ; R DZH REYNOLDS TOBACCO KOMPANI FIRMA ; JAPAN TOBACCO INC ; JP MORGAN CHASE BANK ; R DZH REYNOLDS TOBACCO KOMPANI**Inventor(s):(std):** SHANNON MICHAEL DAVID US ; SENSABAUGH ANDREW JACKSON US ; RIDINGS HENRY THOMAS US ; REYNOLDS JOHN HUGHES US ; MICHAEL DAVID SHANNON ; MAJKL DEVID SHENNON US ; JOHN HUGHES REYNOLDS IV ; HENRY THOMAS RIDINGS ; GENRI TOMAS RIDINGS US ; FARRIER ERNEST GILBERT US ; ERNEST GILBERT FARRIER US ; ENDRYU DZHEKSON SENSABAU US ; DZHON KHYUZ REYNOLDS US ; CHANDRA KUMAR BANERJEE ; CHANDRA KUMAR BANERDZHI IN ; BANERJEE CHANDRA KUMAR US ; ANDREW JACKSON SENSABAUGH JR ; SHENNON MAJKL DEVID ; SHANNON MICHAEL DAVID ; SENSABAUGH JR ANDREW J ; SENSABAUGH ANDREW JACKSON JR ; SENSABAUGH ANDREW JACKSON ; SENSABAUGH ANDREW J JR ; SENSABAUGH ANDREW I ; RIDINGS HENRY THOMAS ; RIDINGS HENRY TH ; RIDINGS HENRY T ; RIDINGS GENRI TOMAS ; REYNOLDS JOHN HUGHES IV ; REYNOLDS JOHN HUGHES ; REYNOLDS JOHN H IV ; REYNOLDS IV JOHN H ; REYNOLD IV JOHN H ; REYNOLDS DZHON KHYUZ ; MLADSHIJ ENDRYU DZHEKSON SENSABAU ; MIKHAIL DAVID SHANNON ; MAIKERU DEBITSUDO SHIYANON ; JIYON HIYUUZU RENORUZA FUOO ; IV JOHN HUGHES REYNOLDS ; HENRII TOMASU RAIDEINGUSU ; FARRIER ERNEST GILBERT ; ERNEST GILBERT FARRIER ; DZHON KHZHES REYNOLDS ; CHIYANDORA KUMARU BANERJEE ; CHANDRA KUMAR VANERZHEE ; BANERJEE CHANDRA KUMAR ; BANERDZHI CHANDRA KUMAR ; ANDREJ DZHAKSON SENSABOV ; KHENRU TOMAS RIDINGS ; ANDORUU JIYAKUSON SENSABOO JIY ; AANESUTO GIRUBAATO FUARIAA ; SHANNON MICHAEL D US ; SENSABAUGH JR ANDREW J US ; RIDINGS HENRY T US ; FARRIER ERNEST G US ; BANERJEE CHANDRA K US ; SHANNON MICHAEL D ; SENSABAUGH ANDREW J ; REYNOLDS JOHN H ; FARRIER ERNEST G ; BANERJEE CHANDRA K**Inventor(s):** ENDRYU DZHEKSON SENSABAU MLADSHIJ US ; ANDORUU JAKUSON SENSABOO JUNIA ; JON HYUUZU RENORUZA FUOOSU ; JIYON HIYUUZU RENORUZA FUOOSU ; ANDORUU JIYAKUSON SENSABOO JIYUNIA ; CHANDORA KUMARU BANERJEE ; MAIKERU DEBITSUDO SHANON**Agent(s):** BERESKIN AND PARR LLP SENCRL SRL**International class (IPC 8-9):** A24B15/00 A24B15/16 A24D1/00 A24D1/18 A24D3/06 A24F47/00 A61M15/06
F23Q2/18 (Advanced/Invention);
A24B15/00 A24D1/00 A24F47/00 A61M15/06 (Core/Invention);
A24D (Subclass/Invention)**International class (IPC 1-7):** A24B15/00 A24B15/10 A24D1/00 A24D1/02 A24D1/18 A24F1/00 A24F13/00 A24F7/04 A61M15/06**CPC:** A24D1/18 A24B15/165 A24F47/004**European class:** A24B15/16K A24D1/18 A24F47/00B2**US class:** 128/202.21 131/194 131/198.1 131/198.2 131/335 131/336 131/360 131/361 131/364[Classification Explorer](#)**Cited documents:** US492676 A, US4596258 A, US4570650 A, US4481958 A, US4474191 A, US4407308 A, US4391285 A, US4347855 A, US4340072 A, US4326544 A, US4326514 A, US4289149 A, US4286604 A, US4284089 A, US4219032 A, US4219031 A, US4216784 A, US4195645 A, US4186756 A, US4133317 A, US4123592 A, US4079742 A, US4055191 A, US4044777 A, US4027679 A, US4019521 A, US4019520 A, US4014349 A, US4008723 A, US3972335 A, US3943942 A, US3943941 A, US3931824 A, US3916914 A, US3894543 A, US3886954 A, US3885574 A, US3880172 A, US3861402 A, US3861401 A, US3834398 A, US3831609 A, US3738374 A, US3713451 A, US3667478 A, US3614956 A, US3608560 A, US3586005 A, US3584630 A, US3545448 A, US3529602 A, US3525582 A, US3516417 A, US3498299 A, US346025 A, US3424171 A, US3356094 A, US3339558 A, US3297476 A, US3288146 A, US3280823 A, US3258015 A, US3236244 A, US3200819 A, US3144024 A, US3106210 A, US3081777 A, US2976190 A, US2907686 A, US235885 A,

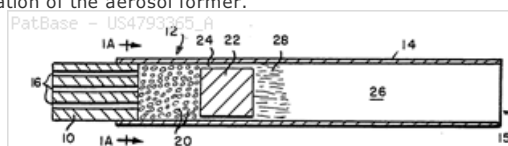
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Forward Citations:

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Abstract:

The present invention relates to a smoking article which produces an aerosol that resembles tobacco smoke, but contains no more than a minimal amount of incomplete combustion or pyrolysis products. The smoking article of the present invention provides an aerosol "smoke" which is chemically simple, consisting essentially of oxides of carbon, air, water, and the aerosol which carries any desired flavorants or other desired volatile materials, and trace amounts of other materials. The aerosol "smoke" has no significant mutagenic activity as measured by the Ames Test. In addition, the article may be made virtually ashless so that the user does not have to remove any ash during use. One embodiment of the present smoking article comprises a short combustible carbonaceous fuel element; a short heat stable, preferably carbonaceous substrate bearing an aerosol forming substance, and a relatively long mouthend piece. The fuel element and the substrate are arranged in a heat exchange relationship, thereby causing aerosol formation without significant degradation of the aerosol former.



Title: Heterocyclic compounds

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Agent(s): DAVIES COLLISON CAVE; FETHERSTONHAUGH AND CO; REINHOLD COHN AND PARTNERS

Designated states: AT BE CH DE FR GB IT LI NL

International class (IPC 8-9): A01N33/18 A01N43/00 A01N43/36 A01N43/40 A01N43/50 A01N43/54 A01N43/56 A01N43/58 A01N43/60 A01N43/62 A01N43/647 A01N43/653 A01N43/66 A01N43/707 A01N43/713 A01N43/72 A01N43/74 A01N43/76 A01N43/78 A01N43/80 A01N43/82 A01N43/84 A01N43/86 A01N43/88 A01N47/02 A01N47/16 A01N47/22 A01N47/38 A01N47/40 A01N47/44 A01N51/00 A01N57/32 C07C313/00 C07C319/14 C07C323/22 C07C67/00 C07D207/00 C07D207/09 C07D207/20 C07D207/22 C07D211/70 C07D211/72 C07D213/00 C07D213/38 C07D213/61 C07D213/64 C07D213/70 C07D213/71 C07D213/84 C07D231/00 C07D231/12 C07D233/00 C07D233/06 C07D233/20 C07D233/22 C07D233/28 C07D233/44 C07D233/46 C07D233/48 C07D233/52 C07D233/64 C07D237/00 C07D237/08 C07D237/12 C07D239/00 C07D239/06 C07D239/12 C07D239/14 C07D239/16 C07D239/18 C07D239/22 C07D239/26 C07D239/28 C07D239/30 C07D239/34 C07D239/36 C07D239/38 C07D239/42 C07D241/00 C07D241/12 C07D241/14 C07D241/16 C07D241/24 C07D251/16 C07D251/20 C07D251/22 C07D251/24 C07D253/06 C07D253/065 C07D253/07 C07D257/02 C07D257/08 C07D261/08 C07D263/10 C07D263/28 C07D263/34 C07D265/08 C07D277/00 C07D277/10 C07D277/18 C07D279/00 C07D279/06 C07D291/08 C07D317/00 C07D333/00 C07D339/06 C07D401/00 C07D401/04 C07D401/06 C07D401/12 C07D401/14 C07D403/04 C07D403/06 C07D403/12 C07D403/14 C07D405/04 C07D405/06 C07D405/12 C07D405/14 C07D409/04 C07D409/06 C07D409/12 C07D409/14 C07D411/06 C07D413/04 C07D413/06 C07D413/12 C07D413/14 C07D417/00 C07D417/04 C07D417/06 C07D417/12 C07D417/14 C07D419/06 C07D519/00 C07F7/10 C07F9/645 C07F9/6506 C07F9/6558 (Advanced/Invention); A01N47/40 C07C323/22 C07F9/572 C07F9/576 C07F9/6527 C07F9/6536 (Advanced/Non-invention); A01N43/00 A01N43/34 A01N43/48 A01N43/64 A01N43/713 A01N43/72 A01N51/00 C07C313/00 C07C319/00 C07C323/00 C07C67/00 C07D207/00 C07D213/00 C07D231/00 C07D233/00 C07D237/00 C07D239/00 C07D241/00 C07D251/00 C07D253/00 C07D257/00 C07D261/00 C07D263/00 C07D265/00 C07D277/00 C07D279/00 C07D291/00 C07D317/00 C07D333/00 C07D339/00 C07D401/00 C07D403/00 C07D405/00 C07D409/00 C07D411/00 C07D413/00 C07D417/00 C07D519/00 C07F7/00 C07F9/00 (Core/Invention); C07C323/00 C07F9/00 (Core/Non-invention); A01N C07D (Subclass/Invention)

International class (IPC 1-7): A01N33/18 A01N43/00 A01N43/02 A01N43/34 A01N43/36 A01N43/40 A01N43/48 A01N43/50 A01N43/54 A01N43/56 A01N43/58 A01N43/60 A01N43/62 A01N43/647 A01N43/653 A01N43/66 A01N43/707 A01N43/713 A01N43/72 A01N43/74 A01N43/76 A01N43/78 A01N43/86 C07D213/61 C07D233/46 C07D233/52 C07D237/08 C07D237/12 C07D239/14 C07D239/16 C07D239/26 C07D239/28

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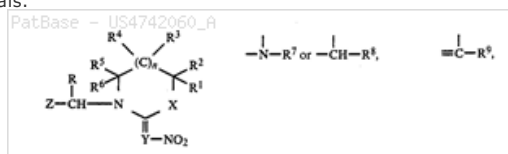
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Abstract:

Novel insecticides of the formula in which n is 0 or 1, X is S, O, Y is N or Z is a 5- or 6-membered nitrogen-containing heterocyclic ring, and R to R9 variously represent hydrogen or specified organic radicals.



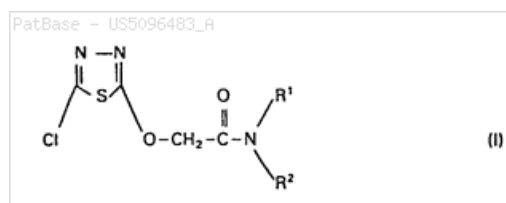
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Priority: DE19853505425 19850216 US19860822713 19860101 DE19863674427 19860204
EP19860101406 19860204 EP19860101406 19860204

Family:	Publication number	Publication date	Application number	Application date
	AT56964 E	19901015	AT19860101406T	19860204
	BRPI8600639 A	19861029	BR1986PI00639	19860214
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	PH23449 A	19890807	PH19860033407	19860211
	US5096483 A	19920317	US19900607795	19901029
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Probable Assignee: BAYER AG
Assignee(s):(std): BAYER AG
Assignee(s): BAYER AG DE ; BAYER AKTIENGESELLSCHAFT
Inventor(s):(std): FORSTER HEINZ ; FORSTER HEINZ DR ; HAINTSU FUERUSUTAA ; FOERSTER HEINZ ; HANSU YOA HIMU ZANTERU ; ROBERT R SCHMIDT ; ROBERTO AARU SHIYUMITSUTO ; SANTEL HANS JOACHIM ; SANTEL HANS JOACHIM DR ; SCHMIDT ROBERT R ; SCHMIDT ROBERT R DR ; SCHMIDT ROBERT RUDOLF DR ; ZANTEL HANS YOA HIM ; SCHUMIT ROBERT ; PARUSET HEIZ ; HEINZ FOERSTER ; HANSU JOACHIM SANTEL ; FOERSTER HEINZ DR
Inventor(s): FOERSTER DR HEINZ D 5600 WUPPERTAL 1 DE ; SCHMIDT DR ROBERT R D 5060 BERGISCHE GLADBACH 2 DE ; SANTEL HANS JOACHIM DE ; RUDOLF DR SCHMIDT ROBERT ; SANTEL DR HANS JOACHIM D 5090 LEVERKUSEN DE ; HEINZ FORSTER ; FOERSTER HEINZ DE ; HANS JOACHIM SANTEL
Designated states: AT BE CH DE FR GB IT LI NL
International class (IPC 8-9): A01N43/82 A01N43/824 C07D285/12 C07D285/13 C07D417/12 (Advanced/Invention); C07D285/12 (Advanced/Non-invention); A01N43/72 C07D285/00 C07D417/00 (Core/Invention)
International class (IPC 1-7): A01N43/82 A01N43/824 C07D211/00 C07D215/00 C07D285/00 C07D285/12 C07D285/13 C07D417/02 C07D417/12
CPC: C07D285/13 C07D417/12
European class: C07D285/13 C07D417/12
US class: 504/167 504/170 504/219 504/247 504/249 504/263 504/287 540/603 546/165 546/209 548/136
[Classification Explorer](#)
Cited documents: US4968342 A, US4645525 A, US4645252 A, US4509971 A, US4465504 A, US4408055 A, JP55147262 A2, EP0094541 A2, EP0039811 A2, EP0029171 A1, EP0018497 B1,
Forward Citations: WO9628434, US8178479, US5858922, US4968342, US2009093383, JP64061471, JP4211073, JP3080672, JP1061471, EP0815093, EP0709380, EP0348737, EP0300344,

Abstract:

Novel herbicidally active 5-chloro-1,3,4-thiadiazol-2-yloxy-acetamides of the formula in which R¹ and R² independently of one another represent alkyl, alkenyl, alkynyl, optionally substituted cycloalkyl or optionally substituted cycloalkenyl, halogenoalkyl, alkoxyalkyl, alkoxyalkyleneoxy or alkoxy, aralkyl or optionally substituted aryl or R¹ and R² conjointly with the nitrogen atom to which they are bonded represent an optionally substituted, saturated or unsaturated heterocyclic ring which can contain further hetero-atoms and to which a benzene radical can be fused.



Title: 4,5-Disubstituted 1,3-thiazol-2-yloxyacetamide herbicides

Priority: DE19853505902 19850221 US19860826479 19860205 EP19860101724 19860211
DE19863661071 19860211 CA19860502213 19860219

Family:	Publication number	Publication date	Application number	Application date
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Probable Assignee: BAYER AG

Assignee(s):(std): BAYER AG

Assignee(s): BAYER AG DE ; BAYER AKTIENSELLSCHAFT LEVERKUSEN GERMANY A CORP ; BAYER AKTIENSELLSCHAFT ; BAYER AKTIENSELLSCHAFT A CORP OF GERMANY ; BECK GUNTHER ; FORSTER HEINZ ; SCHMIDT ROBERT R ; SANTEL HANS JOACHIM ; KLAUKE ERICH

Inventor(s):(std): KLAUKE ERICH ; FOERSTER HEINZ DR ; HEINZ FOERSTER ; GUNTHER BECK ; HANSU JOACHIM SANTEL ; FORSTER HEINZ ; FORSTER HEINZ DR ; KLAUKE ERICH DR ; HANSU YOA HIMU ZANTERU ; GUNTAA BETSUKU ; HAINTSU FUERUSUTAA ; GUENTHER BECK ; HANS JOACHIM SANTEL ; HEINZ FORSTER ; FOERSTER HEINZ ; ERICH KLAUKE ; EERITSUHI KURAUKE ; SANTEL HANS JOACHIM ; SCHMIDT ROBERT R ; ROBERT R SCHMIDT ; SANTEL HANS JOACHIM DR ; SCHMIDT ROBERT R DR ; ROBERUTO AARU SHIYUMITSUTO ; BECK GUNTHER ; BECK GUNTHER DR ; BECK GUENTHER

Inventor(s): BECK GUENTHER DE ; DR ERICH KLAUKE ; BECK GUNTHER DE ; SANTEL HANS JOACHIM DE ; SCHMIDT ROBERT R DE ; DR GUNTHER BECK ; DR HANS JOACHIM SANTEL ; DR HEINZ FORSTER ; DR ROBERT R SCHMIDT ; FOERSTER HEINZ DE ; KLAUKE ERICH DE ; R

Agent(s): FETHERSTONHAUGH AND CO; REINHOLD COHN AND PARTNERS

Designated states: AT BE CH DE FR GB IT LI NL

International class (IPC 8-9): A01N43/78 C07D277/20 C07D277/34 C07D417/12 (Advanced/Invention); A01N43/72 C07D277/00 C07D417/00 (Core/Invention)

International class (IPC 1-7): A01N43/78 A01N47/42 C07D211/00 C07D211/32 C07D215/00 C07D277/00 C07D277/04 C07D277/34 C07D277/46 C07D295/04 C07D401/12 C07D403/12 C07D417/12

CPC: C07D417/12 C07D277/34

European class: C07D277/34 C07D417/12

US class: 504/167 504/170 504/219 504/247 504/249 504/252 504/266 540/603 546/165 546/209 546/256 548/136 548/187

[Classification Explorer](#)

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Forward Citations: WO9402014, WO9402014, US6967188, US6340655, US5759955, US5593942, US4968342, US4929743, US4910316, US4888044, US2006009359, US2004102321, EP2243370, EP2243369, EP2243368, EP2243367, EP2243366, EP2243365, EP2243364, EP2243363, EP2243362, EP2243361, EP2236032, EP2236032, EP2236031, EP2236031, EP2213171, EP2213171, EP2213170, EP2213170, EP1623626, EP1623626, EP1552746, EP0829202, EP0829202, EP0348737, EP0275417, EP0275417, BG65940,

Abstract:

Herbicidally active novel 4,5-disubstituted 1,3-thiazol-2-yloxyacetamides of the formula in which R¹ is fluorine or chlorine, R² is alkyl or halogenoalkyl, and R³ and R⁴ each independently is alkyl, alkenyl, alkynyl, optionally substituted cycloalkyl, optionally substituted cycloalkenyl, halogenoalkyl, alkoxyalkyl, alkoxyalkyleneoxy, alkoxy, aralkyl or optionally substituted aryl, or R³ and R⁴, conjointly with the nitrogen atom to which they are bonded form an optionally substituted, heterocyclic ring which can contain further hetero-atoms.

