

Title (en)

HERBICIDAL COMBINATION WITH DIMETHOXY-TRIAZINYL-SUBSTITUTED DIFLUOROMETHANE SULFONYLANILIDES

Title (de)

HERBIZID-KOMBINATION MIT DIMETHOXY-TRIAZINYL-SUBSTITUIERTEN DIFLUORMETHAN-SULFONYLANILIDEN

Title (fr)

FORMULATION HERBICIDE CONTENANT DES DIFLUOROMÉTHANE-SULFONYLANILIDES À SUBSTITUTION DIMÉTHOXY-TRIAZINYLE

Publication

**EP 2320735 A2 20110518 (DE)**

Application

**EP 0977753 A 20090808**

Priority

- EP 2009005761 W 20090808
- DE 102008037632 A 20080814

Abstract (en)

[origin: WO2010017923A2] The invention relates to a herbicidal combination containing components (A) and (B), (A) representing one or more compounds or salts thereof from the group described by general formula (I), wherein R1 represents halogen, preferably fluorine or chlorine, R2 represents hydrogen and R3 represents hydroxyl or R2 and R3 together with the carbon atom to which they are bound, represent a carbonyl group C=O and R4 represents hydrogen or methyl; (B) represents one or more herbicides from the group of 1,3-diketo compounds consisting of: (B1-1) prohexadione-calcium, (B1-2) trinexpac-ethyl, (B2-1) alkoxydim, (B2-2) butroxydim, (B2-3) clethodim, (B2-4) cycloxydim, (B2-5) protoxydim, (B2-6) sethoxydim, (B2-7) tepraloxoxydim, (B2-8) tralkoxidim, (B2-9) compound: 3-(4-chloro-2-ethoxy-6-ethylphenyl)-4-hydroxy-8-methoxy-1-azaspiro[4.5]dec-3-en-2-one, (B2-10) compound: 3-(4-chlor-2-ethyl-6-methoxyphenyl)-5-cyclopropyl-4-hydroxy-5-methyl-1,5-dihydro-2H-pyrrol-2-on, (B2-11) compound: 3-(4-chlor-2-ethyl-6-methoxyphenyl)-4-hydroxy-8-methoxy-1-azaspiro[4.5]dec-3-en-2-on, (B2-12) compound: 3-(4-chlor-2-ethyl-6-methoxyphenyl)-4-hydroxy-5,5-dimethyl-1,5-dihydro-2H-pyrrol-2-on, (B3-1) mesotrione, (B3-2) sulcotrione, (B3-3) tembotrione, (B3-4) tefuryltrione, (B4-1) pinoxaden.

IPC 8 full level

**A01N 43/66** (2006.01)

CPC (source: EP KR US)

**A01N 37/42** (2013.01 - KR); **A01N 41/06** (2013.01 - KR); **A01N 43/66** (2013.01 - EP KR US)

Citation (search report)

See references of WO 2010017923A2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

**DE 102008037632 A1 20100218**; BR PI0917405 A2 20150804; CN 102186348 A 20110914; CN 102186348 B 20160224;  
CO 6341522 A2 20111121; EP 2320735 A2 20110518; JP 2011530550 A 20111222; JP 5591804 B2 20140917; KR 101641936 B1 20160722;  
KR 20110042221 A 20110425; TW 201018407 A 20100516; US 2010093542 A1 20100415; WO 2010017923 A2 20100218;  
WO 2010017923 A3 20101104

DOCDB simple family (application)

**DE 102008037632 A 20080814**; BR PI0917405 A 20090808; CN 200980140962 A 20090808; CO 11016138 A 20110211;  
EP 0977753 A 20090808; EP 2009005761 W 20090808; JP 2011522412 A 20090808; KR 20117005725 A 20090808;  
TW 98127134 A 20090812; US 54102909 A 20090813