

Title (en)
HERBICIDAL COMBINATION

Title (de)
HERBIZID-KOMBINATION

Title (fr)
COMBINAISON HERBICIDE

Publication
EP 2205092 A2 20100714 (DE)

Application
EP 08841689 A 20081022

Priority
• EP 2008008942 W 20081022
• EP 07020809 A 20071024
• EP 08841689 A 20081022

Abstract (en)
[origin: EP2052605A1] Herbicidal combination comprises: (A) one or more herbicides from 2-iodo-N-[(4-methoxy-6-methyl-1,3,5-triazin-2-yl)carbamoyl]benzene sulfonamide or a salt of 2-iodo-N-[(4-methoxy-6-methyl-1,3,5-triazin-2-yl)carbamoyl]benzene sulfonamide (I); and (B) one or more herbicides from 1,3-diketo compounds e.g. prohexadione-calcium, trinexapac-ethyl, alloxymid, butoxydim, clethodim, cycloxydim, profoxydim, sethoxydim, tepraloxymid, tralkoxydim, mesotrione, sulcotrione, tefuryltrione or tembotrione. Herbicidal combination comprises: (A) one or more herbicides from 2-iodo-N-[(4-methoxy-6-methyl-1,3,5-triazin-2-yl)carbamoyl]benzene sulfonamide or a salt of 2-iodo-N-[(4-methoxy-6-methyl-1,3,5-triazin-2-yl)carbamoyl]benzene sulfonamide of formula (I); and (B) one or more herbicides from 1,3-diketo compounds, which are clethodim, sethoxydim, tepraloxymid, mesotrione, sulcotrione, tefuryltrione, tembotrione, 3-[[2-[(2-methoxyethoxy)methyl]-6-(trifluoromethyl)pyridin-3-yl]carbonyl]bicyclo[3.2.1]octane-2,4-dione pinoxaden (all preferred), prohexadione-calcium, trinexapac-ethyl, alloxymid, butoxydim, cycloxydim, profoxydim, tralkoxydim or sulcotrione. M +>a cation, which is an alkali metal (preferably Li, Na or K), alkaline earth metal (preferably Ca or Mg), transition metal ion (preferably Mn, Cu or Fe), ammonium ion (in which optionally 1-4 H is substituted by (1-4C)-alkyl, hydroxy-(1-4C)-alkyl, (3-6C)-cycloalkyl, (1-4C)-alkoxy(1-4C)-alkyl, hydroxy-(1-4C)-alkoxy-(1-4C)-alkyl, (1-6C)-mercaptoalkyl, phenyl or benzyl, all optionally substituted by one or more halo, preferably F, Cl, Br or I, NO₂, CN, azido, (1-6C)-alkyl, (1-6C)-haloalkyl, (3-6C)-cycloalkyl, (1-6C)-alkoxy, (1-6C)-haloalkoxy or phenyl, where two substituents with N optionally forms an optionally substituted ring), phosphonium ion, sulfonium ion (preferably tri-(1-4C)-alkyl-sulfonium), oxonium ion (preferably tri-(1-4C)-alkyl-oxonium), or optionally saturated/aromatic nitrogen containing heterocyclic ring system with 1-10C-ionic compound (which is optionally one or more times annealed and/or substituted by (1-4C)-alkyl). [Image] ACTIVITY : Herbicide; Plant Growth Regulant. Tests details are described but no results given. MECHANISM OF ACTION : None given.

IPC 8 full level
A01N 47/36 (2006.01); **A01N 37/42** (2006.01); **A01N 37/50** (2006.01); **A01N 41/10** (2006.01); **A01N 43/08** (2006.01); **A01N 43/16** (2006.01); **A01N 43/40** (2006.01); **A01N 43/90** (2006.01); **A01P 13/02** (2006.01)

CPC (source: EP US)
A01N 47/36 (2013.01 - EP US)

Citation (search report)
See references of WO 2009053053A2

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 MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA MK RS

DOCDB simple family (publication)
EP 2052605 A1 20090429; AR 068957 A1 20091216; AU 2008315941 A1 20090430; BR PI0818895 A2 20141007; BR PI0818895 A8 20190122; CA 2703552 A1 20090430; CL 2008003143 A1 20090529; CN 101902917 A 20101201; EA 201000522 A1 20101029; EP 2205092 A2 20100714; JP 2011500743 A 20110106; US 2010304971 A1 20101202; WO 2009053053 A2 20090430; WO 2009053053 A3 20100520

DOCDB simple family (application)
EP 07020809 A 20071024; AR P080104596 A 20081022; AU 2008315941 A 20081022; BR PI0818895 A 20081022; CA 2703552 A 20081022; CL 2008003143 A 20081024; CN 200880121286 A 20081022; EA 201000522 A 20081022; EP 08841689 A 20081022; EP 2008008942 W 20081022; JP 2010530337 A 20081022; US 73937008 A 20081022