

Title (en)

LIQUID AQUEOUS CROP PROTECTION FORMULATIONS

Title (de)

FLÜSSIGE, WÄSSRIGE PFLANZENSCHUTZFORMULIERUNGEN

Title (fr)

FORMULATIONS PHYTOPROTECTRICES AQUEUSES LIQUIDES

Publication

EP 2348833 A2 20110803 (DE)

Application

EP 09783906 A 20091009

Priority

- EP 2009063196 W 20091009
- EP 08166374 A 20081010
- EP 09783906 A 20091009

Abstract (en)

[origin: WO2010040834A2] The present invention relates to a novel liquid aqueous crop protection formulation which comprises a) at least one organic active crop protection ingredient with a water solubility of less than 5 g/l at 20°C; b) at least one organic solvent with a water solubility of more than 100 g/l at 20°C; c) at least one organic solvent with a water solubility of 2 to 100 g/l at 20°C; d) at least one organic solvent with a water solubility of less than 2 g/l at 20°C; e) at least one nonionic surfactant; f) at least one anionic surfactant; and g) water. The invention also relates to the use of the crop protection formulation for treatment of plants and seed, to corresponding methods and to treated seed.

IPC 8 full level

A01N 25/04 (2006.01); **A01N 25/30** (2006.01); **A01N 43/40** (2006.01); **A01N 43/653** (2006.01); **A01N 47/24** (2006.01); **A01N 47/38** (2006.01)

CPC (source: EP US)

A01N 25/00 (2013.01 - EP US); **A01N 25/04** (2013.01 - EP US); **A01N 43/653** (2013.01 - EP US); **A01N 47/24** (2013.01 - EP US);
A01N 47/38 (2013.01 - EP US)

C-Set (source: EP US)

1. **A01N 25/00 + A01N 25/04 + A01N 25/30 + A01N 43/653 + A01N 47/24 + A01N 47/38**
2. **A01N 25/04 + A01N 25/30 + A01N 43/653 + A01N 47/24 + A01N 47/38**
3. **A01N 47/38 + A01N 43/653 + A01N 47/24**
4. **A01N 47/24 + A01N 43/653**
5. **A01N 43/653 + A01N 2300/00**
6. **A01N 47/24 + A01N 2300/00**
7. **A01N 47/38 + A01N 2300/00**

Citation (search report)

See references of WO 2010040834A2

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

DOCDB simple family (publication)

WO 2010040834 A2 20100415; WO 2010040834 A3 20101209; AR 075284 A1 20110323; AU 2009301114 A1 20100415;
AU 2009301114 B2 20150319; BR PI0919701 A2 20150818; CN 102176821 A 20110907; EA 021204 B1 20150430; EA 201100596 A1 20111230;
EP 2348833 A2 20110803; TW 201018400 A 20100516; UA 106732 C2 20141010; US 2011195839 A1 20110811; US 8716182 B2 20140506;
UY 32169 A 20100430

DOCDB simple family (application)

EP 2009063196 W 20091009; AR P090103909 A 20091009; AU 2009301114 A 20091009; BR PI0919701 A 20091009;
CN 200980140184 A 20091009; EA 201100596 A 20091009; EP 09783906 A 20091009; TW 98134177 A 20091008;
UA A201105743 A 20091009; US 200913122790 A 20091009; UY 32169 A 20091009