Title (en)

ACTIVE INGREDIENT COMPOSITIONS FOR PLANT PROTECTION

Title (de)

WIRKSTOFFZUSAMMENSETZUNGEN FÜR DEN PFLANZENSCHUTZ

Title (fr)

COMPOSITIONS DE SUBSTANCES ACTIVES PHYTOPROTECTRICES

Publication

EP 2150106 A2 20100210 (DE)

Application

EP 08749754 A 20080425

Priority

- EP 2008055101 W 20080425
- EP 07107054 A 20070426
- EP 07107015 A 20070426
- EP 08749754 A 20080425

Abstract (en)

[origin: WO2008132179A2] The present invention relates to novel active ingredient compositions for plant protection in the form of fine active ingredient-containing particles, comprising a) at least one active plant protection agent; b) at least one polymer P, which is not soluble in water, can be decomposed by enzymatic hydrolysis and is present in a quantity of at least 20% by weight, relative to the total amount of the components of the active ingredient-containing particles, and c) at least one hydrolase (EC 3), wherein at least 90% by weight of the active ingredient-containing particles of the active ingredient composition does not exceed a diameter of 500 µm (Dgo value), wherein the components a), b) and c) constitute at least 30% by weight of the active ingredient particles. The invention further relates to a method for the production thereof and to the use of the active ingredient compositions for the treatment of plants, soils and seed.

IPC 8 full level

A01N 25/12 (2006.01); **A01N 25/10** (2006.01); **A01N 63/50** (2020.01); **A01P 13/00** (2006.01); **B01J 13/02** (2006.01)

CPC (source: EP US)

A01N 25/12 (2013.01 - EP US); **A01N 63/50** (2020.01 - EP US); **B01J 13/02** (2013.01 - EP US)

Citation (search report)

See references of WO 2008132179A2

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)

WO 2008132179 A2 20081106; **WO 2008132179 A3 20090430**; BR PI0810552 A2 20141007; CA 2683037 A1 20081106; CN 101686664 A 20100331; EP 2150106 A2 20100210; JP 2010525031 A 20100722; RU 2009143556 A 20110610; US 2010122379 A1 20100513

DOCDB simple family (application)

EP 2008055101 W 20080425; BR PI0810552 A 20080425; CA 2683037 A 20080425; CN 200880021996 A 20080425; EP 08749754 A 20080425; JP 2010504715 A 20080425; RU 2009143556 A 20080425; US 59711308 A 20080425