

Title (en)

METHOD FOR THE MIXING AND SPRAYING OF TREATMENT AGENTS AND FOR RAPID GENERATION OF A PERSISTENT AEROSOL AND DEVICE FOR CARRYING OUT SAID METHOD

Title (de)

VERFAHREN ZUM MISCHEN UND SPRÜHEN VON BEHANDLUNGSMITTEL UND ZUR SCHNELLEN ERZEUGUNG EINES BESTÄNDIGEN AEROSOLS UND DAZUGEHÖRIGE DÜSEN UND VORRICHTUNG ZUR DURCHFÜHRUNG DER VERFAHREN

Title (fr)

PROCEDE POUR MELANGER ET PULVERISER DES AGENTS DE TRAITEMENT ET POUR PRODUIRE RAPIDEMENT UN AEROSOL STABLE AINSI QUE BUSES ASSOCIEES ET UN DISPOSITIF PERMETTANT LA MISE EN OEUVRE DUDIT PROCEDE

Publication

EP 1846169 A2 20071024 (DE)

Application

EP 05803961 A 20051015

Priority

- DE 2005001839 W 20051015
- DE 102004050400 A 20041015
- DE 102005002392 A 20050119

Abstract (en)

[origin: WO2006039918A2] The invention relates to a possibility for minimizing the amount of liquid necessary for diluting the active ingredient of the treatment agent, a method for rapid generation of a highly persistent aerosol, varying from an aerosol with very different liquid components to a liquid -free aerosol, with a long suspension duration and corresponding nozzles and a device for carrying out said method, in particular, for pest control, plant protection, disinfection and fertilisation, which can distribute the various aerosol media in powder form or in approximately the same sized fine aerosol particles with a long suspension duration. The invention further relates to a method for mixing treatment agents with air or other gases or gas mixtures and for spraying the air or gas/treatment agent mixture and a method for rapid generation of a very persistent aerosol with the corresponding device and corresponding nozzles. The invention is of application to plant protection, pest control and similar specialties.

IPC 8 full level

B05B 7/26 (2006.01); **A01M 7/00** (2006.01); **A01M 13/00** (2006.01); **A01M 21/04** (2006.01); **B05B 7/24** (2006.01)

CPC (source: EP)

A01M 7/0014 (2013.01); **A01M 7/0092** (2013.01); **A01M 13/00** (2013.01); **A01M 21/043** (2013.01); **B05B 7/0012** (2013.01); **B05B 7/025** (2013.01); **B05B 7/065** (2013.01); **B05B 7/067** (2013.01); **B05B 7/08** (2013.01); **B05B 7/262** (2013.01); **B05B 7/265** (2013.01); **B05B 3/022** (2013.01)

Citation (search report)

See references of WO 2006039918A2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2006039918 A2 20060420; **WO 2006039918 A3 20060817**; AU 2005293967 A1 20060420; BR PI0516343 A2 20081230; CA 2603632 A1 20060420; EG 26243 A 20130513; EP 1846169 A2 20071024; IL 182486 A0 20070920; JP 2008520405 A 20080619; MX 2007004283 A 20080304

DOCDB simple family (application)

DE 2005001839 W 20051015; AU 2005293967 A 20051015; BR PI0516343 A 20051015; CA 2603632 A 20051015; EG NA2007000369 A 20070415; EP 05803961 A 20051015; IL 18248607 A 20070412; JP 2007535991 A 20051015; MX 2007004283 A 20051015