

Title (en)
DISPENSING DEVICE FOR SPRAYING OF A SPRAYABLE FLUID

Title (de)
AUSGABEVORRICHTUNG ZUM VERSPRÜHEN EINES SPRÜHFÄHIGEN FLUIDES

Title (fr)
DISPOSITIF DE PULVERISATION D'UN FLUIDE PULVERISABLE

Publication
EP 3408033 B1 20191120 (DE)

Application
EP 17705030 A 20170127

Priority
• DE 202016100418 U 20160128
• EP 2017051779 W 20170127

Abstract (en)
[origin: CA3012748A1] The invention relates to a dispensing device which is intended for spraying a sprayable fluid and is designed in the form of a hand-held unit, having a housing (12), in which are provided an air pump (22) and an electric drive motor (18), which drives the air pump (22), having a spray head (14), which is connected to the housing (12) and is intended for dispensing the fluid, having an accommodating chamber (29), which is arranged in the housing (12) and is intended for a storage container (41), in which the fluid which is to be dispensed is stored, having a fluid line (44), which leads from the storage container (41) to the spray head (14), and having a hose line (36), which leads from the air pump (22) to the spray head (14), wherein the spray head (14) has a first nozzle (46), which is connected to the fluid line (44), and, separately from said first nozzle, a second nozzle (38), which is supplied with the air flow from the hose line (36), and an atomizing zone (49) is formed outside the spray head (14).

IPC 8 full level
B05B 7/24 (2006.01); **B05B 7/12** (2006.01)

CPC (source: EP KR RU US)
B05B 7/1481 (2013.01 - KR); **B05B 7/241** (2013.01 - EP KR RU US); **B05B 7/2418** (2013.01 - EP KR RU US);
B05B 7/2432 (2013.01 - EP KR RU US); **B05B 7/2481** (2013.01 - EP KR RU US); **A45D 2200/057** (2013.01 - EP KR US);
B05B 7/12 (2013.01 - EP US)

Designated contracting state (EPC)
AL 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 RS SE SI SK SM TR

DOCDB simple family (publication)
DE 202016100418 U1 20170502; CA 3012748 A1 20170803; CA 3012748 C 20220927; CN 108602079 A 20180928; EP 3408033 A1 20181205; EP 3408033 B1 20191120; EP 3597304 A1 20200122; EP 3597304 B1 20210908; ES 2770372 T3 20200701; ES 2900577 T3 20220317; HK 1256893 A1 20191004; JP 2019503272 A 20190207; JP 6913688 B2 20210804; KR 102593748 B1 20231024; KR 20180105691 A 20180928; PL 3408033 T3 20200601; PL 3597304 T3 20220131; RS 59798 B1 20200228; RS 62491 B1 20211130; RU 2018125596 A 20200228; RU 2018125596 A3 20200317; RU 2720317 C2 20200428; SG 10201912214T A 20200227; SG 11201805885R A 20180830; US 11517924 B2 20221206; US 2019076860 A1 20190314; WO 2017129750 A1 20170803

DOCDB simple family (application)
DE 202016100418 U 20160128; CA 3012748 A 20170127; CN 201780008504 A 20170127; EP 17705030 A 20170127; EP 19189810 A 20170127; EP 2017051779 W 20170127; ES 17705030 T 20170127; ES 19189810 T 20170127; HK 18115994 A 20181213; JP 2018539842 A 20170127; KR 20187024479 A 20170127; PL 17705030 T 20170127; PL 19189810 T 20170127; RS P20191658 A 20170127; RS P20211317 A 20170127; RU 2018125596 A 20170127; SG 10201912214T A 20170127; SG 11201805885R A 20170127; US 201716072616 A 20170127