

Title (en)

Spraying device with droplets containment

Title (de)

Spritzvorrichtung mit Tröpfchenrückhalt

Title (fr)

Dispositif de pulvérisation avec confinement des gouttelettes

Publication

EP 1614482 B1 20150304 (DE)

Application

EP 05014898 A 20050708

Priority

- US 58696604 P 20040709
- DE 102004033338 A 20040709

Abstract (en)

[origin: EP1614482A1] The spraying device comprises a spray head (14) installed in a partition (22), whereby the spray head is constructed to distribute droplets. The partition is constructed to block the spread of the droplets in at least one undesired direction. The spraying device is constructed in such a way that a part of the droplets describe a circulation. The spraying device is manually manipulated. The partition has an internal and an external outer side, whereby the partition on its internal side forms with a surface to be sprayed a volume, whereby the droplets are sprayed into the volume. An independent claim is included for a method for the spraying with the aforesaid spraying device.

IPC 8 full level

B05B 15/04 (2006.01); **B05B 12/36** (2018.01); **B05B 14/00** (2018.01); **B05B 14/30** (2018.01)

CPC (source: EP US)

B05B 12/36 (2018.01 - EP US); **B05B 14/00** (2018.01 - EP US); **B05B 14/30** (2018.01 - EP US)

Citation (examination)

BE 368532 A

Cited by

WO2011154183A1

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

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EP 1614482 A1 20060111; **EP 1614482 B1 20150304**; DE 102004033338 A1 20060216; DE 102004033338 B4 20101209; US 2006011747 A1 20060119; US 7334742 B2 20080226

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