

Title (en)

Dispensing device of solid particles containing liquid

Title (de)

Spendevorrichtung einer Feststoffpartikel enthaltenden Flüssigkeit

Title (fr)

Dispositif de distribution d'un liquide contenant des particules solides

Publication

EP 0852210 A3 19990728 (FR)

Application

EP 98400008 A 19980106

Priority

FR 9700070 A 19970107

Abstract (en)

[origin: EP0852210A2] The dispenser consists of a container (1) holding the liquid (L), a spray head (5) and a plunger tube (7) connecting the intake of the head to the liquid. The plunger is equipped with at least one porous element (10) with open pores for the liquid to pass through, while the plunger tube itself is impervious to the liquid. In one variant of the design the plunger tube can be made from a porous polypropylene cylinder coated with a layer of varnish to make it impermeable to the liquid for almost its whole length, except for a tip forming a porous intake. In another the plunger can be a hollow polyethylene tube with a porous insert or end cover.

IPC 1-7

B65D 83/14

IPC 8 full level

B05B 9/08 (2006.01); **B05B 15/30** (2018.01); **B65D 83/14** (2006.01); **B05B 15/00** (2006.01)

CPC (source: EP)

B05B 9/0822 (2013.01); **B05B 9/0838** (2013.01); **B05B 15/30** (2018.01); **B65D 83/32** (2013.01)

Citation (search report)

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Cited by

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Designated contracting state (EPC)

AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

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