

Title (en)

Dosing device with a fluid container and pump therefor

Title (de)

Dosiervorrichtung mit einem Medienspeicher sowie Pumpvorrichtung hierfür

Title (fr)

Dispositif de dosage avec réservoir de fluide et pompe pour ce dispositif

Publication

EP 1295646 B1 20061220 (DE)

Application

EP 02008878 A 20020420

Priority

DE 10148899 A 20010921

Abstract (en)

[origin: EP1295644A1] A dosing unit comprises a media storage unit (S), and a pump unit (P) for dosing and supplying the medium in the storage unit, and a pressure equalisation member. The storage unit has a pressure sensitive, flexible wall. The pressure equalisation opening and/or filter arrangement has a pressure sensitive, flexible wall. The filter membrane is laminated onto the filter housing.

IPC 8 full level

B05B 11/00 (2006.01)

CPC (source: EP)

B05B 11/0044 (2018.08); **B05B 11/00444** (2018.08); **B05B 11/026** (2023.01); **B05B 11/1016** (2023.01); **B05B 11/1052** (2023.01); **B05B 11/1063** (2023.01); **B05B 11/107** (2023.01)

Cited by

DE102013215599A1; US8016165B2; EP1547694A3; DE102006008874A1; DE102006008874B4; EP2314380A3; CN105492123A; DE102013215599B4; US9700907B2; WO2007096049A3; WO2015018758A3; WO2007096049A2; US8382010B2; EP3491345B1; EP3508280A1

Designated contracting state (EPC)

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

DOCDB simple family (publication)

EP 1295646 A1 20030326; **EP 1295646 B1 20061220**; AR 036555 A1 20040915; AR 036556 A1 20040915; AR 036557 A1 20040915; AT E348664 T1 20070115; AT E407745 T1 20080915; AT E416848 T1 20081215; DE 50208993 D1 20070201; DE 50212754 D1 20081023; DE 50213095 D1 20090122; EP 1295644 A1 20030326; EP 1295644 B1 20081210; EP 1295645 A1 20030326; EP 1295645 B1 20080910; ES 2276868 T3 20070701; ES 2317962 T3 20090501

DOCDB simple family (application)

EP 02008878 A 20020420; AR P020103528 A 20020919; AR P020103529 A 20020919; AR P020103530 A 20020919; AT 02008876 T 20020420; AT 02008877 T 20020420; AT 02008878 T 20020420; DE 50208993 T 20020420; DE 50212754 T 20020420; DE 50213095 T 20020420; EP 02008876 A 20020420; EP 02008877 A 20020420; ES 02008876 T 20020420; ES 02008878 T 20020420