

Title (en)  
Metering device provided with a pump

Title (de)  
Dosiervorrichtung mit einer Pumpvorrichtung

Title (fr)  
Dispositif de dosage muni d'une pompe

Publication  
**EP 1295645 B1 20080910 (DE)**

Application  
**EP 02008877 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** (2018.07); **B05B 11/00444** (2018.07); **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  
DE102008027599A1

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

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**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