

Title (en)
Fluid dispenser and method

Title (de)
Spender und Verfahren zum Austragen von Medien

Title (fr)
Distributeur et procédé pour l'application de fluides

Publication
EP 1199107 B1 20070606 (DE)

Application
EP 01124559 A 20011013

Priority
DE 10050982 A 20001016

Abstract (en)
[origin: DE10050982A1] A spender for media, especially flowable pharmaceuticals, comprises a pump (19), a spray nozzle outlet opening (14), and a protective cap (38). A locking unit (40) prevents suction when the protective cap is in place.

IPC 8 full level
B05B 11/00 (2006.01); **B65D 47/34** (2006.01)

CPC (source: EP US)
B05B 11/0027 (2013.01 - EP US); **B05B 11/0032** (2013.01 - EP US); **B05B 11/1061** (2023.01 - EP US); **B05B 11/108** (2023.01 - EP US)

Cited by
DE102009037164B3; US9101730B2

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 1199107 A2 20020424; EP 1199107 A3 20040825; EP 1199107 B1 20070606; AT E363947 T1 20070615; DE 10050982 A1 20020418; DE 50112591 D1 20070719; US 2002066752 A1 20020606; US 6578741 B2 20030617

DOCDB simple family (application)
EP 01124559 A 20011013; AT 01124559 T 20011013; DE 10050982 A 20001016; DE 50112591 T 20011013; US 97554201 A 20011011