

Title (en)
FLUID PRODUCT DISPENSER

Title (de)
ABGABEVORRICHTUNG FÜR MEDIEN

Title (fr)
DISPOSITIF DE DISTRIBUTION DE PRODUIT FLUIDE

Publication
EP 1185376 A1 20020313 (FR)

Application
EP 00927352 A 20000517

Priority
• FR 0001321 W 20000517
• FR 9906496 A 19990521

Abstract (en)
[origin: FR2793708A1] A dispenser comprising a reservoir (10) containing one or more doses of a product, made in the form of a syringe with a hollow barrel (11) containing a piston (40) which seals it when in a state of rest and actuated by a rod (30), is new. A dispenser comprising a reservoir (10) containing one or more doses of a product, made in the form of a syringe with a hollow barrel (11) containing a piston (40) which seals it when in a state of rest and actuated by a rod (30). The outlet end of the dispenser has an aperture (13) and an elastomer nozzle (50) with a stopper which seals the outlet when in a state of rest. The syringe and nozzle are fitted into an outer housing (80) incorporating an outlet (20) and an energy accumulator which ensures the dispensing of a full dose each time the piston is actuated.

IPC 1-7
B05B 11/02; **B05B 1/34**; **B05B 11/00**

IPC 8 full level
B05B 1/34 (2006.01); **B05B 11/00** (2006.01); **B05B 11/02** (2006.01)

CPC (source: EP US)
B05B 1/3436 (2013.01 - EP US); **B05B 1/3457** (2013.01 - EP US); **B05B 11/0062** (2013.01 - EP US); **B05B 11/02** (2013.01 - EP US);
B05B 11/025 (2013.01 - EP US)

Citation (search report)
See references of WO 0071263A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
FR 2793708 A1 20001124; **FR 2793708 B1 20010803**; DE 60004218 D1 20030904; DE 60004218 T2 20040422; EP 1185376 A1 20020313;
EP 1185376 B1 20030730; US 6789750 B1 20040914; WO 0071263 A1 20001130

DOCDB simple family (application)
FR 9906496 A 19990521; DE 60004218 T 20000517; EP 00927352 A 20000517; FR 0001321 W 20000517; US 97901201 A 20011115