

Title (en)
FLUID PRODUCT DISPENSER

Title (de)
ABGABEVORRICHTUNG FÜR MEDIEN

Title (fr)
DISPOSITIF DE DISTRIBUTION DE PRODUIT FLUIDE

Publication
EP 1185376 B1 20030730 (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)

Designated contracting state (EPC)
DE FR GB IT

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