

Title (en)
DISPENSER FOR LIQUID OR PASTY MATERIALS

Title (de)
Spender für flüssige oder pastöse Produkte

Title (fr)
DISTRIBUTEUR DE PRODUITS LIQUIDES OU PATEUX

Publication
EP 0857149 A2 19980812 (FR)

Application
EP 96934958 A 19961023

Priority
• FR 9601656 W 19961023
• FR 9512432 A 19951023

Abstract (en)
[origin: WO9715509A2] A dispenser for liquid or pasty materials, particularly including a material container (1) and a head (2) thereon provided with an internal discharge channel (2a). The container further comprises material extraction means provided with an exhaust valve and a plunger (3) arranged in the container (1) and including an axial channel (30) that is connected to a spray tube (4) of which the lower end (4a) defines an intake port (40) together with said axial channel (30), while its upper end (4b) is secured to said actuating head (2), which directly or indirectly engages the outer surface (3a) of the plunger (3) in order to pressurise the container (1).

IPC 1-7
B65D 83/00

IPC 8 full level
B65D 83/76 (2006.01); **B65D 83/00** (2006.01)

CPC (source: EP KR US)
B65D 83/00 (2013.01 - KR); **B65D 83/0044** (2013.01 - EP US)

Citation (search report)
See references of WO 9715509A2

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

DOCDB simple family (publication)
WO 9715509 A2 19970501; **WO 9715509 A3 19970626**; AT E183983 T1 19990915; AU 7307796 A 19970515; BR 9611338 A 19991228; CA 2234644 A1 19970501; CA 2234644 C 20050823; CN 1068852 C 20010725; CN 1200096 A 19981125; DE 69604079 D1 19991007; DE 69604079 T2 20000302; EP 0857149 A2 19980812; EP 0857149 B1 19990901; ES 2137729 T3 19991216; FR 2740118 A1 19970425; FR 2740118 B1 19980220; HK 1017327 A1 19991119; JP 3612079 B2 20050119; JP H11513642 A 19991124; KR 100462967 B1 20050608; KR 19990066973 A 19990816; MX 9803159 A 19981130; US 6010036 A 20000104

DOCDB simple family (application)
FR 9601656 W 19961023; AT 96934958 T 19961023; AU 7307796 A 19961023; BR 9611338 A 19961023; CA 2234644 A 19961023; CN 96197799 A 19961023; DE 69604079 T 19961023; EP 96934958 A 19961023; ES 96934958 T 19961023; FR 9512432 A 19951023; HK 99102338 A 19990525; JP 51636097 A 19961023; KR 19980702906 A 19980422; MX 9803159 A 19980422; US 5183198 A 19980421