

Title (en)
UNIT DOSE DISPENSE PACKAGE

Title (de)
SPENDERPACKUNG FÜR EINZELDOSIERUNGEN

Title (fr)
CONDITIONNEMENT DE DISTRIBUTION DE DOSE UNITAIRE

Publication
EP 1037823 A4 20021127 (EN)

Application
EP 98952318 A 19981015

Priority
• US 9821795 W 19981015
• US 6156497 P 19971015

Abstract (en)
[origin: WO9919236A1] A unit dose storage and dispenser cartridge (10) for a unit dose of an ingredient (12) includes a storage and dispense container dispensably containing a unit dose of the ingredient (12). The container (10) includes a cylindrical interior wall (18) defining a cartridge passageway (30) having an ingredient-containing ingredient storage cavity portion (36). The container (10) further defines a dispense opening (24) communicating with the ingredient storage cavity portion (36) and includes a first sealing member (70) removably sealing the dispense opening (24). A dispense piston (34) is movable by a dasher rod (15) through the ingredient storage cavity portion (36) so as to dispense the unit dose of the ingredient (12) through the dispense opening (24). An openable vent (86) is positioned in registry with the cartridge passageway.

IPC 1-7
B65D 88/54; **G01F 11/06**; **G01F 11/30**; **G01F 11/36**

IPC 8 full level
B05C 17/005 (2006.01); **B65D 51/16** (2006.01); **B65D 77/00** (2006.01); **B65D 83/00** (2006.01); **B65D 88/54** (2006.01); **G01F 11/06** (2006.01)

CPC (source: EP KR)
B05C 17/00576 (2013.01 - EP); **B65D 51/1644** (2013.01 - EP); **B65D 83/0005** (2013.01 - EP); **B65D 88/54** (2013.01 - KR)

Citation (search report)
• No further relevant documents disclosed
• See references of WO 9919236A1

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)
WO 9919236 A1 19990422; AU 758658 B2 20030327; AU 9804698 A 19990503; BR 9814081 A 20000926; CA 2309698 A1 19990422; CN 1130300 C 20031210; CN 1279643 A 20010110; EP 1037823 A1 20000927; EP 1037823 A4 20021127; JP 2001519537 A 20011023; KR 20010031166 A 20010416; RU 2211792 C2 20030910

DOCDB simple family (application)
US 9821795 W 19981015; AU 9804698 A 19981015; BR 9814081 A 19981015; CA 2309698 A 19981015; CN 98811318 A 19981015; EP 98952318 A 19981015; JP 2000515818 A 19981015; KR 20007004088 A 20000415; RU 2000112025 A 19981015