

Title (en)
DISPENSER WITH A VISIBLE FLEXIBLE POUCH

Title (de)
SPENDER MIT EINEM VON AUSSEN SICHTBAREM BEUTEL

Title (fr)
DISTRIBUTEUR A POCHE SOUPLE VISIBLE

Publication
EP 1177051 A1 20020206 (FR)

Application
EP 00920840 A 20000419

Priority
• FR 0001020 W 20000419
• FR 9905888 A 19990423

Abstract (en)
[origin: FR2792622A1] The liquid dispensing bag (3) has an opening (31) with a dispenser (5) pump and a shell (1) enclosing the bag and having an opening (13) corresponding with that (31) of the bag. The shell is formed in two halves (11,12) connected together along a line (14) extending across the opening of the shell so that each part of the shell defines part of the opening.

IPC 1-7
B05B 11/00

IPC 8 full level
A45D 34/00 (2006.01); **A45D 34/04** (2006.01); **B05B 11/00** (2006.01); **B65D 47/34** (2006.01); **B65D 83/76** (2006.01)

CPC (source: EP US)
B05B 11/026 (2023.01 - EP US); **B05B 11/1047** (2023.01 - EP US); **B05B 11/1001** (2023.01 - EP US)

Citation (search report)
• [XA] FR 2762829 A1 19981106 - GESTRA GROUPE D ETUDES SPECIFI [FR]
• [XD] US 5474212 A 19951212 - ICHIKAWA TORU [JP], et al
• [XA] US 5257865 A 19931102 - TANI KANARI [JP]
• [AD] EP 0447687 A1 19910925 - PROCTER & GAMBLE [US]
• [A] FR 1290196 A 19620413
• [A] US 5000350 A 19910319 - THOMSEN PETER N [US]
• [A] PATENT ABSTRACTS OF JAPAN vol. 1998, no. 01 30 January 1998 (1998-01-30)
• See references of WO 0064595A1

Designated contracting state (EPC)
DE ES FR GB IT

DOCDB simple family (publication)
FR 2792622 A1 20001027; FR 2792622 B1 20010706; DE 60003804 D1 20030814; DE 60003804 T2 20040729; EP 1173289 A1 20020123; EP 1173289 B1 20030709; EP 1177051 A1 20020206; ES 2200864 T3 20040316; JP 2002542992 A 20021217; JP 4257037 B2 20090422; US 6510965 B1 20030128; US 6619505 B1 20030916; WO 0064594 A1 20001102; WO 0064595 A1 20001102

DOCDB simple family (application)
FR 9905888 A 19990423; DE 60003804 T 20000419; EP 00920839 A 20000419; EP 00920840 A 20000419; ES 00920839 T 20000419; FR 0001019 W 20000419; FR 0001020 W 20000419; JP 2000613578 A 20000419; US 95887602 A 20020110; US 95915202 A 20020111