

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  
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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)  
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**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

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