

Title (en)

Container with automatic straw delivery device

Title (de)

Behälter mit einer automatischen Ausgabeeinrichtung für einen Trinkhalm

Title (fr)

Recipient muni d'un dispositif d'extraction automatique d'une paille

Publication

**EP 1114782 A3 20010808 (FR)**

Application

**EP 01105977 A 19981216**

Priority

- EP 98403169 A 19981216
- FR 9716421 A 19971218

Abstract (en)

[origin: EP0926080A1] The straw (2) is located inside a container with a cylindrical bottle-type opening (MO) closing the orifice (5). The automatic extraction device comprises a support arm (4) which can move between a free position where the straw which it supports has its end in the orifice and a locked position where the straw end is located inside the container. Members (MS) acting on the straw support arm move it from its locked position to its free position. Locking members formed by a secondary locking arm (8) engage complementary support surfaces carried by the support arm. Unlocking members comprising an unlocking heel free the support arm from its locked position by moving the secondary arm.

IPC 1-7

**B65D 77/28**

IPC 8 full level

**A47G 19/22** (2006.01); **B65D 47/06** (2006.01); **B65D 77/28** (2006.01)

CPC (source: EP KR US)

**B65D 17/4012** (2017.12 - EP US); **B65D 77/28** (2013.01 - KR); **B65D 77/283** (2013.01 - EP US); **B65D 2517/0014** (2013.01 - EP US); **B65D 2517/0049** (2013.01 - EP US); **B65D 2517/0059** (2013.01 - EP US)

Citation (search report)

- [A] WO 8901750 A1 19890309 - FORBES RAYMOND [US]
- [A] US 5482158 A 19960109 - PLESTER GEORGE [BE]
- [A] GB 814236 A 19590603 - WILLIAM AUSTIN PUGH SR

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DE20307925U1; WO2005035389A1

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)

**EP 0926080 A1 19990630; EP 0926080 B1 20010912**; AT E205451 T1 20010915; AT E247043 T1 20030815; AU 1764399 A 19990712; DE 69801641 D1 20011018; DE 69801641 T2 20020905; DE 69817228 D1 20030918; DE 69817228 T2 20040617; EP 1114782 A2 20010711; EP 1114782 A3 20010808; EP 1114782 B1 20030813; ES 2164407 T3 20020216; ES 2204772 T3 20040501; FR 2772731 A1 19990625; FR 2772731 B1 20000324; JP 2001526157 A 20011218; KR 100553004 B1 20060215; KR 20010033349 A 20010425; PT 1114782 E 20031231; PT 926080 E 20020328; US 2001035419 A1 20011101; US 6296140 B1 20011002; US 6491184 B2 20021210; WO 9932370 A1 19990701

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**EP 98403169 A 19981216**; AT 01105977 T 19981216; AT 98403169 T 19981216; AU 1764399 A 19981216; DE 69801641 T 19981216; DE 69817228 T 19981216; EP 01105977 A 19981216; ES 01105977 T 19981216; ES 98403169 T 19981216; FR 9716421 A 19971218; FR 9802748 W 19981216; JP 2000525315 A 19981216; KR 20007006813 A 20000619; PT 01105977 T 19981216; PT 98403169 T 19981216; US 58150300 A 20000706; US 88629001 A 20010622