

Title (en)

Liquid product pouring and measuring package with self draining feature.

Title (de)

Verpackungsbehälter für Flüssigkeiten mit Ausgussvorrichtung und Messbecher sowie Tropfvorrichtung.

Title (fr)

Emballage pour produits liquides pourvu d'éléments verseur et doseur et d'un dispositif capteur de gouttes.

Publication

**EP 0109704 A1 19840530 (EN)**

Application

**EP 83201599 A 19831109**

Priority

US 44238182 A 19821117

Abstract (en)

A liquid dispenser package is described which is adapted to dispense liquids without mess and which incorporates a measuring cup which is also the closure for the package. The package of the present invention includes a container (12) having a dispensing orifice (80) for storing the liquid product, a transition collar (14) to be attached to the container finish surrounding its orifice and having an extended pouring spout (52) and a transverse partition with drain to collect and return residual liquid to the container, and a measuring cup (16) with an open mouth having threads (40) on its exterior to attach the cup to the interior of the transition collar where it functions as the closure for the package. Because of the extended pouring spout, the residual liquid drain back feature, and the exterior threads on the measuring cup, virtually all mess normally associated with liquid product measuring and dispensing is obviated.

IPC 1-7

**B65D 47/40; B65D 41/26; B65D 47/12**

IPC 8 full level

**B65D 41/26** (2006.01); **B65D 47/12** (2006.01); **B65D 47/40** (2006.01)

CPC (source: EP)

**B65D 41/26** (2013.01); **B65D 47/12** (2013.01); **B65D 47/121** (2013.01); **B65D 47/40** (2013.01)

Citation (search report)

- [X] FR 1448275 A 19660805
- [Y] US 3079022 A 19630226 - TOMPKINS JAMES G
- [YD] US 2601039 A 19520617 - GOULD LIVINGSTONE JAY
- [AD] US 4298145 A 19811103 - IIDA MOTOYORI
- [A] CH 418865 A 19660815 - MIGROS [CH]
- [AD] US 4128189 A 19781205 - BAXTER ERNEST W
- [A] CH 536234 A 19730430 - MIGROS [CH]
- [A] EP 0031980 A1 19810715 - PROCTER & GAMBLE EUROP [BE], et al

Cited by

FR2617805A1; EP0654417A1; US5131566A; EP0377475A1; EP0348102A1; US5251788A; EP0248341A1; EP0261713A3; FR2604152A1; EP0373980A1; FR2640238A1; US5533553A; US5078289A; EP0300585A3; EP0201376A3; FR2579956A1; EP0369559A1; US4993605A; GR890100759A; EP0285466A1; FR2611759A1; EP0255062A3; EP0296998A1; FR2617133A1; US4830234A; DE3814786A1; EP0456570A3; US5060827A; EP0275833A3; GR910100199A; EP0666225A3; US5746260A; FR2572367A1; AT398299B; GB2238304A; US5058772A; US4974749A; EP0297967A1; FR2617134A1; EP0216415A3; FR2587001A1; US8651304B2; US9371165B2; WO9222465A1

Designated contracting state (EPC)

AT BE CH DE FR IT LI NL SE

DOCDB simple family (publication)

**EP 0109704 A1 19840530; EP 0109704 B1 19871007**; AT E30136 T1 19871015; DE 3373994 D1 19871112; ES 275744 U 19841016; ES 275744 Y 19850416; FI 76538 B 19880729; FI 76538 C 19881110; FI 834199 A0 19831116; FI 834199 A 19840518; GB 2150102 A 19850626; GB 2150102 B 19870204; GB 8330563 D0 19831221; HK 74790 A 19900928; IE 54743 B1 19900117; IE 832694 L 19840517; JP S59152160 A 19840830

DOCDB simple family (application)

**EP 83201599 A 19831109**; AT 83201599 T 19831109; DE 3373994 T 19831109; ES 275744 U 19831116; FI 834199 A 19831116; GB 8330563 A 19831116; HK 74790 A 19900920; IE 269483 A 19831117; JP 21705183 A 19831117