

Title (en)
POUR CAP FOR FLUID CONTAINERS

Title (de)
AUSGIESSKAPPE FÜR FLUIDBEHÄLTER

Title (fr)
CAPUCHON DE VERSAGE POUR RÉCIPIENTS DE FLUIDE

Publication
EP 2432705 A4 20120926 (EN)

Application
EP 09845022 A 20090519

Priority
US 2009044431 W 20090519

Abstract (en)
[origin: WO2010134908A1] A pour cap (10) for a fluid container (12) includes a cap body (14), a gasket (16) mounted to the cap body (14), and a threaded ring (18) attached to the cap body (14) The cap (10) can be positioned on the container (12) in a closed position wherein the container (12) is hydraulically sealed with a high pressure seal, or in an open position wherein fluid flow occurs through flow passages on the gasket (16) and the cap body (14) with first and second low pressure seals preventing unwanted leakage between joining parts on the cap A method for sealing and pouring a fluid (20) from a container includes the steps of providing the pour cap (10) with the cap body (14), the gasket (16) and the threaded ring (18), tightening the cap body (14) to a closed position wherein deformation of the gasket seals the container.

IPC 8 full level
B65D 41/04 (2006.01)

CPC (source: EP)
B65D 47/242 (2013.01)

Citation (search report)

- [A] FR 2716170 A3 19950818 - BEPLAST SA [ES]
- [A] US 6062441 A 20000516 - MENGEU GARY LEE [US], et al
- [A] DE 4328582 C2 19960307 - HUBER VERPACKUNGEN GMBH & CO [DE]
- See references of WO 2010134908A1

Cited by
USD957196S; USD1011136S; US11912471B2; USD1005776S; USD1015804S

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2010134908 A1 20101125; BR PI0924241 A2 20181211; CA 2761281 A1 20101125; CA 2761281 C 20140107; EP 2432705 A1 20120328; EP 2432705 A4 20120926; EP 2432705 B1 20130807; ES 2434253 T3 20131216; JP 2012527382 A 20121108; JP 5311164 B2 20131009

DOCDB simple family (application)
US 2009044431 W 20090519; BR PI0924241 A 20090519; CA 2761281 A 20090519; EP 09845022 A 20090519; ES 09845022 T 20090519; JP 2012511794 A 20090519