

Title (en)
FLEXIBLE LIQUID CONTAINER

Title (de)
FLEXIBLER FLÜSSIGKEITSBEHÄLTER

Title (fr)
RECIPIENT SOUPLE POUR LIQUIDE

Publication
EP 1615843 B1 20100310 (FR)

Application
EP 04720098 A 20040312

Priority
• IB 2004000736 W 20040312
• CH 5642003 A 20030401
• CH 21472003 A 20031216

Abstract (en)
[origin: WO2004087526A1] A flexible container (1) filled with a liquid and including two walls (10, 11) made of flexible material, wherein the overlapping free edges of said walls are joined together along a weld seam or adhesive bead (12), thereby defining a sealed space inside said container, the two walls further define an outwardly projecting portion (13) on one edge portion of the container, and an outlet channel (130) connects the projecting portion to the internal space inside said container, characterised in that one or more obstacles (14, 14') formed by welding or adhering the two walls are provided in said internal space essentially adjacent to and in alignment with said channel (130) communicating with the projecting portion (13) so that the cross-section of liquid flow between the internal space and the outlet channel is restricted, but a narrow free passage (140, 141, 146) remains, and so that the surface portion that includes the projecting portion adopts an arcuate shape, said surface portion being essentially defined by the one or more obstacles and by folds (142, 143) extending essentially transversely to said obstacles.

IPC 8 full level
B65D 75/58 (2006.01)

IPC 8 main group level
B65D (2006.01)

CPC (source: EP KR US)
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Citation (examination)
US 3149772 A 19640922 - OLSSON CHARLES F

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WO2012052670A2

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AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL LT LV MK

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WO 2004087526 A1 20041014; AP 1937 A 20090108; AP 2005003407 A0 20051231; AR 043816 A1 20050817; AT E460355 T1 20100315; AU 2004226148 A1 20041014; BR PI0408985 A 20060328; BR PI0408985 B1 20180130; CA 2520841 A1 20041014; CA 2520841 C 20110308; CH 696968 A5 20080229; CL 2004000689 A1 20050107; CN 100398410 C 20080702; CN 1767986 A 20060503; CO 5611190 A2 20060228; DE 602004025915 D1 20100422; EA 007291 B1 20060825; EA 200501446 A1 20060428; EG 23849 A 20071028; EP 1615843 A1 20060118; EP 1615843 B1 20100310; ES 2342886 T3 20100716; HK 1089736 A1 20061208; JP 2006521974 A 20060928; JP 2011057296 A 20110324; JP 4754477 B2 20110824; KR 20050116837 A 20051213; MA 27672 A1 20051201; MX PA05010472 A 20060310; NO 20055106 D0 20051101; NO 20055106 L 20051223; NO 331479 B1 20120116; OA 13044 A 20061110; PL 1615843 T3 20100831; TN SN05235 A1 20070611; UA 80189 C2 20070827; US 2006182370 A1 20060817; US 2010008602 A1 20100114; US 7658542 B2 20100209; ZA 200508832 B 20070425

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