

Title (en)

WELDED PART WITH BARRIER LAYER

Title (de)

EINSCHWEISSTEIL MIT SPERRSCHICHT

Title (fr)

PIÈCE À SOUDER POURVUE D'UNE COUCHE DE BARRAGE

Publication

EP 3003898 A1 20160413 (DE)

Application

EP 14726509 A 20140409

Priority

- DE 102013008861 A 20130524
- EP 2014000945 W 20140409

Abstract (en)

[origin: WO2014187520A1] The invention relates to a welded part (1) made from plastic between the flexible walls of a container, in particular of a bag, with a stub (3) which is formed integrally on the welded part at the top and forms a pouring channel which connects the upper pouring opening of the stub to the lower pouring channel region (3a) of the lower welded region (2), wherein a barrier layer (6) is arranged in the pouring channel, which barrier layer (6) is opened by a projection (8) of a closure cap (7) which can be screwed onto the stub (3), wherein the projection (8) of the closure cap (7), which projection (8) reaches into the pouring channel (4), is fastened to the barrier layer (6), as a result of which the barrier layer (6) is removed completely or partially when the closure cap (7) is screwed open.

IPC 8 full level

B65D 75/58 (2006.01); **B65D 41/04** (2006.01); **B65D 51/22** (2006.01)

CPC (source: EP US)

B65D 41/0435 (2013.01 - US); **B65D 41/0457** (2013.01 - EP US); **B65D 47/06** (2013.01 - US); **B65D 47/106** (2013.01 - US); **B65D 51/228** (2013.01 - EP US); **B65D 75/5883** (2013.01 - EP US); **E03C 1/22** (2013.01 - EP); **E03C 1/292** (2013.01 - EP); **E03F 5/04** (2013.01 - EP); **E03F 5/0408** (2013.01 - EP); **B65D 2251/0015** (2013.01 - EP US); **B65D 2251/0093** (2013.01 - EP US); **B65D 2401/50** (2020.05 - US)

Citation (search report)

See references of WO 2014187520A1

Citation (third parties)

Third party :

JP 2004090964 A 20040325 - SHIROUMA SCIENCE CO LTD

Designated contracting state (EPC)

AL 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 RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

DE 102013008861 A1 20141127; DE 202013012702 U1 20180910; EP 3003898 A1 20160413; EP 3003898 B1 20180530; EP 3003898 B8 20180808; PL 3003898 T3 20181130; US 2016068316 A1 20160310; WO 2014187520 A1 20141127

DOCDB simple family (application)

DE 102013008861 A 20130524; DE 202013012702 U 20130524; EP 14726509 A 20140409; EP 2014000945 W 20140409; PL 14726509 T 20140409; US 201414784704 A 20140409