

Title (en)

MULTI-JET FILLING SPOUT WITH INTEGRATED VENT

Title (de)

MEHRSTRAHLIGER FÜLLSCHNABEL MIT INTEGRIERTER LÜFTUNG

Title (fr)

BEC DE REMPLISSAGE MULTI-JET A EVENT INTEGRE

Publication

EP 3010850 A1 20160427 (FR)

Application

EP 14732536 A 20140617

Priority

- FR 1355669 A 20130617
- EP 2014062682 W 20140617

Abstract (en)

[origin: US2014366985A1] A spout for filling containers with a liquid is provided. The spout has a body defining a liquid feed duct and has a bottom terminal portion in which there extends firstly a plurality of dispenser channels in communication with the feed duct and secondly an exhaust channel in communication with a vent of the filler spout. The dispenser channels have a flow section that is smaller than the flow section of the feed duct.

IPC 8 full level

B67C 3/26 (2006.01)

CPC (source: EP US)

B67C 3/2614 (2013.01 - EP US); **B67C 2003/2605** (2013.01 - EP US); **B67C 2003/2671** (2013.01 - EP US)

Citation (search report)

See references of WO 2014202579A1

Citation (examination)

- DE 102010012577 A1 20110929 - KHS GMBH [DE]
- EP 0131480 A1 19850116 - SERAC SA [FR]

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)

US 2014366985 A1 20141218; BR 112015027972 A2 20170912; CN 105324327 A 20160210; CN 105324327 B 20180828; EP 3010850 A1 20160427; FR 3007015 A1 20141219; FR 3007015 B1 20160129; WO 2014202579 A1 20141224

DOCDB simple family (application)

US 201414307107 A 20140617; BR 112015027972 A 20140617; CN 201480033449 A 20140617; EP 14732536 A 20140617; EP 2014062682 W 20140617; FR 1355669 A 20130617