

Title (en)
FILLING METHOD AND DEVICE

Title (de)
VERFAHREN UND VORRICHTUNG ZUM FÜLLEN

Title (fr)
PROCÉDÉ ET DISPOSITIF DE REMPLISSAGE

Publication
EP 2331410 A1 20110615 (DE)

Application
EP 09776000 A 20090720

Priority
• DE 2009001026 W 20090720
• DE 102008049550 A 20080930

Abstract (en)
[origin: CA2738852A1] The method and device serve for filling containers (11) with a liquid product. The product is fed to the container by means of a filling valve and a filling nozzle. The product emerging from the filling nozzle is fed to a directing element (9). The directing element has a geometrical configuration such that an edge (10) of the directing element runs along at a small distance from the inside walls of the container.

IPC 8 full level
B65B 39/00 (2006.01); **B65B 3/06** (2006.01); **B65B 3/22** (2006.01); **B65B 3/26** (2006.01)

CPC (source: EP US)
B65B 3/06 (2013.01 - EP US); **B65B 3/22** (2013.01 - EP US); **B65B 3/26** (2013.01 - EP US); **B65B 39/001** (2013.01 - EP US); **B67C 2003/268** (2013.01 - EP US)

Citation (search report)
See references of WO 2010037356A1

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 SM TR

Designated extension state (EPC)
AL BA RS

DOCDB simple family (publication)
DE 102008049550 A1 20100401; BR PI0919106 A2 20151208; CA 2738852 A1 20100408; CA 2738852 C 20160119; CN 102202978 A 20110928; CN 102202978 B 20130925; EA 020007 B1 20140730; EA 201170511 A1 20110830; EP 2331410 A1 20110615; EP 2331410 B1 20121114; ES 2398195 T3 20130314; MX 2011003341 A 20110620; PL 2331410 T3 20130430; US 2013126039 A1 20130523; WO 2010037356 A1 20100408

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