

Title (en)

APPARATUS FOR FILLING A CONTAINER WITH A LIQUID WHICH IS INTENDED, IN PARTICULAR, FOR CONSUMPTION

Title (de)

VORRICHTUNG ZUM BEFÜLLEN EINES BEHÄLTENISSES MIT EINER INSBESONDERE ZUM VERZEHR BESTIMMTEN FLÜSSIGKEIT

Title (fr)

DISPOSITIF POUR REMPLIR UN RÉCIPIENT D'UN LIQUIDE, EN PARTICULIER DESTINÉ À LA CONSOMMATION

Publication

EP 2635520 A1 20130911 (DE)

Application

EP 12727263 A 20120509

Priority

- DE 102011103876 A 20110610
- DE 2012000475 W 20120509

Abstract (en)

[origin: DE102011103876B3] The device has a valve (4) closed, and a pipe (2) withdrawn from a filled container (1) with a separation element while reaching a filling level to be realized. The separation element is formed as a flexible circular saw (3), which is arranged at a region of a lower opening of the pipe. Dimension of the circular saw is larger than inner dimension of the container. The circular saw with a peripheral edge lies at an inner cover surface of the container. Air is blown between the circular saw and the bottom of the container in downward motion.

IPC 8 full level

B67C 3/22 (2006.01); **B67C 3/26** (2006.01)

CPC (source: EP US)

B65B 31/044 (2013.01 - US); **B67C 3/222** (2013.01 - EP US); **B67C 3/26** (2013.01 - EP US); **B67C 2003/2654** (2013.01 - EP US);
B67C 2003/2657 (2013.01 - EP US)

Citation (search report)

See references of WO 2012167764A1

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

DOCDB simple family (publication)

DE 102011103876 B3 20120315; AU 2012266968 A1 20131219; AU 2012266968 B2 20151126; CN 103582606 A 20140212;
CN 103582606 B 20150617; EP 2635520 A1 20130911; EP 2635520 B1 20150218; ES 2536700 T3 20150527; JP 2014516015 A 20140707;
JP 5829332 B2 20151209; US 10023455 B2 20180717; US 2014102586 A1 20140417; US 2017029258 A1 20170202;
WO 2012167764 A1 20121213

DOCDB simple family (application)

DE 102011103876 A 20110610; AU 2012266968 A 20120509; CN 201280027358 A 20120509; DE 2012000475 W 20120509;
EP 12727263 A 20120509; ES 12727263 T 20120509; JP 2014513912 A 20120509; US 201213884301 A 20120509;
US 201615273809 A 20160923