

Title (en)

CLEANING DEVICE FOR A FILLING MACHINE

Title (de)

REINIGUNGSVORRICHTUNG FÜR EINE FÜLLMASCHINE

Title (fr)

DISPOSITIF DE NETTOYAGE POUR MACHINE DE REMPLISSAGE

Publication

**EP 2001788 A1 20081217 (FR)**

Application

**EP 07731212 A 20070328**

Priority

- FR 2007000531 W 20070328
- FR 0602809 A 20060331

Abstract (en)

[origin: FR2899220A1] The device has an assembled screw for displacing recovery tubes (41) between a service position and a neutral position. Tubular nozzles (43) are adapted to intercalate between filling spouts (32) and upper ends (41b) of the recovery tubes in the service position. The tubular nozzles are adapted to axially reduce in length in an elastic manner to compensate height difference between the filling spouts.

IPC 8 full level

**B67C 3/00** (2006.01)

CPC (source: EP US)

**B67C 3/001** (2013.01 - EP US)

Citation (search report)

See references of WO 2007118968A1

Designated contracting state (EPC)

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

DOCDB simple family (publication)

**FR 2899220 A1 20071005; FR 2899220 B1 20080530;** AT E437840 T1 20090815; CN 101415636 A 20090422; CN 101415636 B 20101103; DE 602007001800 D1 20090910; EP 2001788 A1 20081217; EP 2001788 B1 20090729; ES 2330807 T3 20091215; JP 2009531240 A 20090903; MX 2008012343 A 20090130; PT 2001788 E 20090806; US 2009165889 A1 20090702; US 8291945 B2 20121023; WO 2007118968 A1 20071025

DOCDB simple family (application)

**FR 0602809 A 20060331;** AT 07731212 T 20070328; CN 200780011105 A 20070328; DE 602007001800 T 20070328; EP 07731212 A 20070328; ES 07731212 T 20070328; FR 2007000531 W 20070328; JP 2009502148 A 20070328; MX 2008012343 A 20070328; PT 07731212 T 20070328; US 29516507 A 20070328