

Title (en)

FILLING MACHINE PROVIDED WITH A CLEANING DEVICE

Title (de)

FÜLLMASCHINE MIT REINIGUNGSVORRICHTUNG

Title (fr)

MACHINE DE REMPLISSAGE EQUIPEE D'UN DISPOSITIF DE NETTOYAGE

Publication

**EP 2121504 A1 20091125 (FR)**

Application

**EP 08761769 A 20080116**

Priority

- FR 2008000049 W 20080116
- FR 0700398 A 20070122

Abstract (en)

[origin: FR2911595A1] The machine has displacement units that includes a vertical mounting/descending jack (81) connecting an attachment of a crown on a carriage (82), which is mounted on a guiding rail (83), where the crown is displaced around an axis of a reservoir using a rotational jack. The units displace a closing element from a retracted position to a service position by vertical translation towards bottom parallel to a longitudinal axis of a filling nozzle (32) along a horizontal displacement, perpendicular to the longitudinal axis so that the element is centered along the longitudinal axis.

IPC 8 full level

**B67C 3/26** (2006.01); **B67C 3/00** (2006.01)

CPC (source: EP US)

**B67C 3/004** (2013.01 - EP US)

Citation (search report)

See references of WO 2008107540A1

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 MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)

**FR 2911595 A1 20080725; FR 2911595 B1 20110408**; AT E549292 T1 20120315; CN 101626974 A 20100113; CN 101626974 B 20110810; EP 2121504 A1 20091125; EP 2121504 B1 20120314; JP 2010516566 A 20100520; JP 5145358 B2 20130213; MX 2009007798 A 20090731; US 2010084046 A1 20100408; US 8261783 B2 20120911; WO 2008107540 A1 20080912

DOCDB simple family (application)

**FR 0700398 A 20070122**; AT 08761769 T 20080116; CN 200880001522 A 20080116; EP 08761769 A 20080116; FR 2008000049 W 20080116; JP 2009545973 A 20080116; MX 2009007798 A 20080116; US 52415008 A 20080116