

Title (en)

DEVICE FOR THE FLUIDIFICATION OF GRANULAR MATERIALS, CONTAINER PROVIDED WITH SUCH A DEVICE AND METHOD FOR UNCLOGGING GRANULAR MATERIALS CONTAINED IN A CONTAINER

Title (de)

VORRICHTUNG ZUR VERFLÜSSIGUNG VON KÖRNIGEN MATERIALIEN, MIT SOLCH EINER VORRICHTUNG AUSGESTATTETER BEHÄLTER UND VERFAHREN ZUR BESEITIGUNG EINER VERSTOPFUNG VON IN EINEM BEHÄLTER ENTHALTENEN KÖRNIGEN MATERIALIEN

Title (fr)

DISPOSITIF POUR LA FLUIDIFICATION DE MATÉRIAUX GRANULAIRES, CONTENEUR MUNI D'UN TEL DISPOSITIF ET PROCÉDÉ DE DÉCOLMATAGE DE MATÉRIAUX GRANULAIRES CONTENUS DANS UN CONTENEUR

Publication

EP 2358612 A1 20110824 (FR)

Application

EP 09783819 A 20091007

Priority

- EP 2009063043 W 20091007
- EP 08165996 A 20081007
- EP 09783819 A 20091007

Abstract (en)

[origin: EP2174891A1] The device (1) has a cylinder head (3) for sliding in a support ring (2), where the head comprises main opening (4) and secondary opening at two ends, respectively. A valve (8) has a rod sliding in the secondary opening. A compression unit associates the valve and the cylinder head, such that the device is not pressurized by a pressurizing unit, and a valve head closes injection openings by the compression unit. The valve rod slides in the secondary opening, such that the valve head does not closes the injection openings, when the device is pressurized by the pressurizing unit. Independent claims are also included for the following: (1) a container for containing granular materials (2) a method for packaging the granular materials (3) a method for declogging of the granular materials in the container.

IPC 8 full level

B65D 88/70 (2006.01)

CPC (source: EP)

B65D 88/706 (2013.01); **F16K 15/063** (2013.01)

Citation (search report)

See references of WO 2010040783A1

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

DOCDB simple family (publication)

EP 2174891 A1 20100414; EP 2358612 A1 20110824; WO 2010040783 A1 20100415

DOCDB simple family (application)

EP 08165996 A 20081007; EP 09783819 A 20091007; EP 2009063043 W 20091007