

Title (en)

DEVICE FOR FILLING A CONTAINER WITH AT LEAST ONE TYPE OF POWDER MATERIAL

Title (de)

VORRICHTUNG ZUM FÜLLEN EINES BEHÄLTERS MIT MINDESTENS EINER PULVERMATERIALART

Title (fr)

DISPOSITIF DE REMPLISSAGE D'UN RECIPIENT PAR AU MOINS UN MATERIAU EN POUDRE

Publication

EP 1841653 A1 20071010 (FR)

Application

EP 06709430 A 20060124

Priority

- FR 2006050046 W 20060124
- FR 0550233 A 20050127

Abstract (en)

[origin: FR2881106A1] The device has an evacuation unit (14) comprising an air evacuation duct (16) permitting the evacuation of the air in a container or mold (6) when a powder material penetrates in the container or mold. An air evacuation duct (18) permits the air to exit the container or mold before starting a filling phase. A pneumatic pump (24) extracts the air contained in the container or mold during the filling phase. An independent claim is also included for a method for filling a container or mold with a powder material.

IPC 8 full level

B65B 39/04 (2006.01); **B65B 1/28** (2006.01)

CPC (source: EP US)

B65B 1/28 (2013.01 - EP US)

Citation (search report)

See references of WO 2006079740A1

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 NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

FR 2881106 A1 20060728; FR 2881106 B1 20100924; AT E399717 T1 20080715; CN 100562461 C 20091125; CN 101107170 A 20080116; DE 602006001636 D1 20080814; EP 1841653 A1 20071010; EP 1841653 B1 20080702; ES 2308730 T3 20081201; JP 2008528801 A 20080731; US 2008053562 A1 20080306; US 8113245 B2 20120214; WO 2006079740 A1 20060803

DOCDB simple family (application)

FR 0550233 A 20050127; AT 06709430 T 20060124; CN 200680003249 A 20060124; DE 602006001636 T 20060124; EP 06709430 A 20060124; ES 06709430 T 20060124; FR 2006050046 W 20060124; JP 2007552689 A 20060124; US 81363606 A 20060124