

Title (en)

FILLING DEVICE FOR A PACKAGING MACHINE

Title (de)

FÜLLEINRICHTUNG FÜR EINE PACKMASCHINE

Title (fr)

DISPOSITIF DE REMPLISSAGE POUR UNE EMPAQUETEUSE

Publication

**EP 3231716 B1 20210908 (DE)**

Application

**EP 17169934 A 20121126**

Priority

- DE 102011119624 A 20111129
- EP 12806340 A 20121126
- EP 2012004874 W 20121126

Abstract (en)

[origin: WO2013079183A1] The invention relates to a filling device (1) for a packaging machine and to a packaging machine having a filling device that includes a filling channel (2) and a controllable channel closure (3) in order to control the flow through the filling channel of a bulk material (5) to be filled into a valve sack (4). The channel closure comprises a pivotable closure element (6) which is arranged within the filling channel and the pivot axis (7) of which extends transversely with respect to the filling channel in such a way that, when closed, the channel closure completely closes the filling channel and, when fully open, completely opens the filling cross section.

IPC 8 full level

**B65B 1/18** (2006.01); **B65B 39/00** (2006.01); **F16K 5/06** (2006.01); **F16K 5/12** (2006.01)

CPC (source: EP)

**B65B 1/18** (2013.01); **B65B 1/34** (2013.01); **B65B 39/003** (2013.01)

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 102011119624 A1 20130529**; BR 112014012752 A2 20170613; BR 112014012752 A8 20170620; BR 112014012752 B1 20201027; CN 104125917 A 20141029; CN 104125917 B 20161214; EA 030516 B1 20180831; EA 201491000 A1 20140930; EP 2785593 A1 20141008; EP 2785593 B1 20170510; EP 3231716 A1 20171018; EP 3231716 B1 20210908; ES 2636751 T3 20171009; ES 2898959 T3 20220309; IN 1360KON2014 A 20151016; PL 2785593 T3 20171031; WO 2013079183 A1 20130606

DOCDB simple family (application)

**DE 102011119624 A 20111129**; BR 112014012752 A 20121126; CN 201280058874 A 20121126; EA 201491000 A 20121126; EP 12806340 A 20121126; EP 17169934 A 20121126; EP 2012004874 W 20121126; ES 12806340 T 20121126; ES 17169934 T 20121126; IN 1360KON2014 A 20140626; PL 12806340 T 20121126