

Title (en)

DISPENSING DEVICE FOR SOLID PORTIONS AND METHOD FOR DISPENSING SOLID PORTIONS

Title (de)

SPENDERVORRICHTUNG FÜR FESTKÖRPERPORTIONEN SOWIE VERFAHREN ZUM SPENDEN VON FESTKÖRPERPORTIONEN

Title (fr)

DISPOSITIF ET PROCÉDÉ DE DISTRIBUTION DE DOSES DE CORPS SOLIDES

Publication

EP 2855303 B1 20160427 (DE)

Application

EP 13728685 A 20130529

Priority

- DE 102012209503 A 20120605
- EP 2013061050 W 20130529

Abstract (en)

[origin: WO2013182459A1] In order to safely and reliably output a plurality of solid portions (Fk), a dispensing device (1) that is easy to produce and simple to use and then dispose of is proposed. The dispensing device (1) according to the invention is designed for solid portions (Fk) present in bulk and has an axis of rotation (2). The dispensing device (1) is also equipped with the following components: (a) a positioning device (3), and (b) a retaining device (4) having at least two retaining means (5) arranged coaxial to the axis of rotation (2) for accommodating one solid portion (Fk) each. The positioning device (3) and the at least two retaining means (5) can be moved relative to one another on paths coaxial to the axis of rotation (2), such that the positioning device (3) can be oriented in alignment with the retaining means (5) individually during the movement and at least one of the at least two retaining means (5) can be filled with one solid portion (Fk) each by means of the positioning device (3). Furthermore, the at least two retaining means (5) can be emptied by rotating the retaining device (4) in order to output the solid portions (Fk).

IPC 8 full level

B65D 83/04 (2006.01)

CPC (source: EP US)

B65D 83/0409 (2013.01 - EP US)

Cited by

CN111332762A

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 102012209503 A1 20131205; EP 2855303 A1 20150408; EP 2855303 B1 20160427; ES 2583183 T3 20160919; US 10099841 B2 20181016; US 2015151899 A1 20150604; WO 2013182459 A1 20131212

DOCDB simple family (application)

DE 102012209503 A 20120605; EP 13728685 A 20130529; EP 2013061050 W 20130529; ES 13728685 T 20130529; US 201314405745 A 20130529