

Title (en)

DISPENSING AND DOSING DEVICE FOR BULK ITEMS

Title (de)

AUSTRAGS- UND DOSIERVORRICHTUNG FÜR SCHÜTTGÜTER

Title (fr)

DISPOSITIF DE DISTRIBUTION ET DE DOSAGE POUR MATIERES A DEVERSER

Publication

EP 1237801 B1 20050914 (DE)

Application

EP 00979321 A 20001215

Priority

- CH 0000666 W 20001215
- CH 231199 A 19991216

Abstract (en)

[origin: US2003103837A1] The invention relates to a dispensing and dosing device for bulk items containing a funnel-shaped receiving element for bulk items, embodied as a base body (1). A rotating ring (3) is surrounded on the outside by a bearing ring (6) which is secured to the base body (1). A toothed drive ring (10) is connected to the rotating ring (3) and is driven by a side pinion (12). An scraper (15) projects eccentrically up to a slider (20). The slider (20) can be moved at the side by a hand lever (22, 24). Said base body (1), rotating ring (3) and bearing ring (6) can be separated from each other and are sealed to each other. The inventive design facilitates simple and economically feasible construction, whereby the bulk item can be dispersed to the lowest discharge area.

IPC 1-7

B65D 88/68; **B65D 90/58**

IPC 8 full level

B65D 88/68 (2006.01); **B65D 90/58** (2006.01); **B65D 90/62** (2006.01); **B65D 90/66** (2006.01)

CPC (source: EP US)

B65D 88/68 (2013.01 - EP US); **B65D 90/585** (2013.01 - EP US); **B65D 90/623** (2013.01 - EP US); **B65D 90/66** (2013.01 - EP US); **B65D 2590/542** (2013.01 - EP US); **B65D 2590/547** (2013.01 - EP US); **B65D 2590/664** (2013.01 - EP US)

Cited by

DE102010027547B4; DE102013000840B3; WO2012010155A1; DE102010027547A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

US 2003103837 A1 20030605; AT E304496 T1 20050915; AU 1686201 A 20010625; DE 50011183 D1 20051020; EP 1237801 A1 20020911; EP 1237801 B1 20050914; WO 0144080 A1 20010621

DOCDB simple family (application)

US 14967702 A 20020923; AT 00979321 T 20001215; AU 1686201 A 20001215; CH 0000666 W 20001215; DE 50011183 T 20001215; EP 00979321 A 20001215