

Title (en)

PISTON ASSEMBLY FOR A CARTRIDGE DISCHARGING DEVICE

Title (de)

KOLBENANORDNUNG FÜR EINE KARTUSCHEN-AUSDRÜCKVORRICHTUNG

Title (fr)

ENSEMBLE À PISTON POUR UN DISPOSITIF D'ÉJECTION À CARTOUCHE

Publication

**EP 3727704 A1 20201028 (DE)**

Application

**EP 18830168 A 20181212**

Priority

- DE 202017107724 U 20171219
- EP 2018084488 W 20181212

Abstract (en)

[origin: WO2019121207A1] The invention relates to a piston assembly comprising a piston for a cartridge discharging device (1) for discharging a pasty compound out of a cartridge (9) which has an inner wall (10), having a piston (11) and a rear face (12) which can be acted upon by a pressure plate (8) secured to a push rod (7), a front face (13) opposite the rear face, and a retaining element (16) which secures the pressure plate (8) against the rear face (12) by means of a retaining protrusion (18) which covers an edge (8') of the pressure plate (8) in a retaining position. The aim of the invention is to develop such a piston assembly comprising a piston for a cartridge discharging device so as to be advantageous for use. According to the invention, this is achieved in that the retaining protrusion (18) is secured to the piston (11) in a movable manner into a release position in a direction away from the push rod (7).

IPC 8 full level

**B05C 17/005** (2006.01); **B05C 17/01** (2006.01); **B65D 83/00** (2006.01)

CPC (source: EP US)

**B05C 17/00576** (2013.01 - EP US); **B05C 17/0123** (2013.01 - US); **B05C 17/0123** (2013.01 - EP); **B65D 83/0005** (2013.01 - US)

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**DE 202017107724 U1 20190321**; CN 111491745 A 20200804; CN 111491745 B 20220719; EP 3727704 A1 20201028; US 11148168 B2 20211019; US 2021086223 A1 20210325; WO 2019121207 A1 20190627

DOCDB simple family (application)

**DE 202017107724 U 20171219**; CN 201880080800 A 20181212; EP 18830168 A 20181212; EP 2018084488 W 20181212; US 201816956371 A 20181212