

Title (en)

Closure and expression plunger for cartridges for plastic masses and method for inserting such a plunger into a cartridge

Title (de)

Verschluss- und Ausdrückkolben für Kartuschen für plastische Massen und Verfahren zum Einsetzen eines solchen Kolbens in eine Kartusche

Title (fr)

Pistons de fermeture et d'impression pour cartouches pour masses plastiques et procédé d'insertion d'un tel piston dans une cartouche

Publication

EP 2522438 A3 20130306 (DE)

Application

EP 12001289 A 20120228

Priority

DE 102011100976 A 20110509

Abstract (en)

[origin: EP2522438A2] The closing and ejection piston has a piston plate (1) and a cylindrical streamlining (2), where a transition area is formed between the piston plate and the cylindrical streamlining with V-shaped cross-section. A sealing lip (3) is formed on a periphery and contains a stacking ring. Two axial projections are distributed equally on the periphery at the backward facing end surface of the stacking ring. An independent claim is included for a method for inserting a piston in the open rear end of the cartridge.

IPC 8 full level

B05C 17/005 (2006.01)

CPC (source: EP)

B05C 17/00576 (2013.01); **B05C 17/00579** (2013.01)

Citation (search report)

- [A] WO 9947433 A1 19990923 - NILSSON HUGO [SE]
- [A] DE 202006015313 U1 20080221 - SULZER CHEMTECH AG [CH]
- [A] DE 202008007834 U1 20080821 - GFV VERSCHLUSSTECHNIK [DE]
- [A] DE 20319464 U1 20040422 - TOPIC ANTON [DE]

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)

EP 2522438 A2 20121114; EP 2522438 A3 20130306; EP 2522438 B1 20140730; DE 102011100976 A1 20121115; PL 2522438 T3 20150130

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EP 12001289 A 20120228; DE 102011100976 A 20110509; PL 12001289 T 20120228