

Title (en)

Closure and expression plunger for cartridges for plastic masses

Title (de)

Verschluss- und Ausdrückkolben für Kartuschen für plastische Massen

Title (fr)

Pistons de fermeture et d'impression pour cartouches pour masses plastiques

Publication

**EP 2520375 B1 20140730 (DE)**

Application

**EP 12001294 A 20120228**

Priority

DE 202011100254 U 20110504

Abstract (en)

[origin: EP2520375A2] The piston has a transition region (4) formed between a piston plate (1) and a cylindrical apron (2) with V-shaped cross-section. A sealing lip (5) is formed at circumference, and diagonally points in forward and outward directions. The sealing lip comprises small radial ribs (6) distributed over the circumference at inner side that is turned toward a piston axis. The ribs are arranged over the sealing lip in the forward direction and form a radially outward pointing and diagonally backward running ramp surface (7) that projects into a forward edge surface (8) of the sealing lip.

IPC 8 full level

**B05C 17/005** (2006.01)

CPC (source: EP)

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

Cited by

EP4070891A1; DE102021108642A1; US11835139B2

Designated contracting state (EPC)

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