

Title (en)

DISPENSER FOR VISCOUS PRODUCTS AND METHOD OF INTRODUCING THE PISTON INTO IT

Publication

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Application

EP 87420299 A 19871030

Priority

FR 8615443 A 19861103

Abstract (en)

[origin: US4809887A] A distributor for pasty products comprises a body having a tubular body (4) with a cylindrical barrel (5), a piston (7) with a flexible flared-out top lip (8) sliding in the barrel (5) and a top carrying an orifice through which the pasty product can pass, and also having a distribution head fixed on the tip. Pasty product is directed and expelled by a suction and compression effect. According to the invention, in order to allow air to be evacuated when the piston is being inserted into the tubular body (4), this body (4) comprises a transverse inner relief (35) having a minimal inside diameter which is 0.5 to 1.5 mm less than the inside diameter of the barrel (5) and, preceding it, a flared-out inlet zone (36) having an engagement diameter at least equal to the outside diameter of the flexible lip (8), the outside diameter of the middle part (40) of the piston (7) being at least 0.4 mm smaller than the minimal inside diameter of the relief (35).

IPC 1-7

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