

Title (en)
DEVICE FOR DISPENSING A PASTY MASS

Title (de)
VORRICHTUNG ZUM AUSBRINGEN EINER PASTÖSEN MASSE

Title (fr)
DISPOSITIF D'APPLICATION D'UNE MATIÈRE PÂTEUSE

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Abstract (en)
[origin: WO2009132630A1] The invention relates to a device for dispensing a pasty mass from a cartridge (38) or a film pouch (52), said device comprising a tubular housing (12) and a piston (22) that is mobile inside the housing and can be acted upon by a pressure medium, Said piston acts on the pasty mass located in the cartridge (38) or the film pouch (52), which is to be received in the housing, upstream of the piston. The piston (22) carries an element that can be axially extended by the action of the pressure medium in the direction of the mass to be dispensed. In a first embodiment, a tube (24) is provided in the centre of the bottom of the piston (22), said tube passing through the piston (22), and a recipient (44) that can be inflated by a pressure medium is fixed to the end of the tube, facing the mass to be dispensed. In a second embodiment of the device, a telescoping piston arrangement comprising at least two partial pistons (26, 28), which are arranged in each other in a telescoping manner and are axially mobile on the tube (24) and in relation to each other, is applied to the tube passing through the centre of the bottom of the piston. When the pressure medium is applied, the piston (22) together with the telescoping piston arrangement are displaced first, and when a determined end position is reached, the partial piston acting on the pasty mass is further displaced and the other partial piston (26) pulled into the extended position.

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