

Title (en)
DEVICE AND METHOD FOR PUMPING FLOWABLE MASSES

Title (de)
VORRICHTUNG UND VERFAHREN ZUM PUMPEN FLIESSFÄHIGER MASSEN

Title (fr)
DISPOSITIF ET PROCÉDÉ POUR POMPER UNE MASSE COULANTE

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Abstract (en)
[origin: WO2011001267A2] The invention relates to a device for pumping a flowable mass, in particular a consumable item. The device comprises a main body (3) having a hollow space (7), which is in fluid connection with a mass source (6) by way of an inlet opening (7a) and with a mass destination by way of an outlet opening (7b) in the surroundings of the main body (3). The inlet opening (7a) and the outlet opening (7b) are disposed along a direction (L) at a distance from each other on the main body (3). The device further comprises a first body (1; 1') and a second body (2; 2'), both of which can be moved in the main body hollow space (7) relative to the main body (3) and relative to each other along the direction (L), wherein both the first body (1; 1') and the second body (2; 2') rest sealingly against an inside wall and slidingly against said inside wall and delimit a chamber (8; 8'). By moving the first body (1; 1') and/or the second body (2; 2'), both the volume of the chamber (8; 8') and the position thereof relative to the main body (3) can be varied.

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