

Title (en)
DISPENSER FOR DISPENSING FLOWABLE MASSES

Title (de)
SPENDER ZUR AUSGABE VON FLIEßFÄHIGEN MASSEN

Title (fr)
DISTRIBUTEUR POUR DÉLIVRER DES MASSES COULANTES

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Application
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Abstract (en)
[origin: WO2020178225A2] The invention relates to a dispenser (1) for dispensing flowable, for example liquid or pasty, masses (M), comprising a reservoir (2) for holding the mass (M) and a modular dispenser pump (6), wherein: the dispenser (1) has a longitudinal axis (x); furthermore, the dispenser pump (6) has an input channel (12), an output channel (13) and a pump chamber (11), which is delimited by valves (14, 15) on the input side and the output side; a head piece (5) is provided; the head piece (5) has a dispensing opening (23) and a dispensing channel (22); furthermore, the dispenser pump (6) can be inserted into the reservoir (2) and can be connected to the reservoir (2) by means of a locking connection; furthermore, the pump chamber (11) is formed by a piston (8) and a cup part (9), which has a cup bottom (29) and a cup wall (17); the piston (8) is slidably accommodated in the cup part (9), in order to achieve a pumping stroke (b); furthermore, the cup part (9) has, on the outer wall thereof, fastening formations for fastening interaction with an inner wall of the reservoir (2); the locking connection (30) is strengthened by virtue of the fact that, with respect to a longitudinal cross-section through the dispenser (1), the locking connection (30) is provided by two radially outwardly protruding locking beads (31, 32), which are spaced apart from one another in the vertical direction. According to the invention, in order to further improve a dispenser of the type in question with respect to fastening, both locking beads (31, 32) are designed with an insertion rounding (37) on the reservoir side and, in contrast, with a substantially horizontal contact surface (38) with respect to the longitudinal section on the head piece side.

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