

Title (en)

A FILLING MACHINE FOR FILLING RECEPTACLES WITH A POURABLE PRODUCT UNDER PRESSURE

Title (de)

FÜLLMASCHINE ZUM BEFÜLLEN VON BEHÄLTERN MIT EINEM GIESSBAREN PRODUKT UNTER DRUCK

Title (fr)

MACHINE DE REMPLISSAGE DE RÉCIPIENTS AVEC UN PRODUIT COULANT SOUS PRESSION

Publication

EP 3498658 B1 20220727 (EN)

Application

EP 18207851 A 20181122

Priority

IT 201700138410 A 20171130

Abstract (en)

[origin: EP3498658A1] The invention relates to a filling machine (1) configured for filling receptacles (2) with a pourable product under pressure, comprising at least one filling device (4) having a longitudinal axis (C) and including: a filling valve (8) selectively operable to feed the pourable product to a respective receptacle (2) through an opening (9a) of this latter, a sealing member (21) having a sealing surface (21a) configured to coact with an edge (9) of the opening (9a), and a support member (55) configured to maintain the opening (9a) coaxial with the sealing member (21); at least one between the sealing (21) and support (55) members moves between a sealing position, in which it determines the fluid-tight contact between the edge (9) and the sealing surface (21a), and a release position, in which it maintains a given distance between the edge (9) and the sealing surface (21a); the filling device (4) further comprises actuator means (56) configured to control the movement of one between the sealing (21) and support (55) members between the release and sealing positions and comprising a fluid actuator (56); the filling machine (1) further comprises cam means (50, 51) configured to control the movement imposed by the fluid actuator (56) on one between the sealing (21) and support (55) members from the release position towards the sealing position.

IPC 8 full level

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