

Title (en)
Machine for pumping mortar, plaster, concrete or similar

Title (de)
Maschine zum Pumpen von Mörtel, Putz, Beton oder Ähnlichem

Title (fr)
Machine pour le pompage de mortiers, enduits, bétons ou analogue

Publication
EP 2863056 B1 20160330 (EN)

Application
EP 14174220 A 20140626

Priority
FR 1356229 A 20130627

Abstract (en)
[origin: EP2863056A1] A machine (1) is provided for pumping mortar, plaster, concrete or the like comprising: a hopper (2) for conveying the mortar in the fluid state to the bottom (2a) of the hopper (2), mechanical members (3), positioned on the bottom (2a) of the hopper (2), and comprising conveying means (3a) of the mortar, an outlet opening (4) for the mortar in the fluid state positioned near the bottom (2a) of the hopper (2), the conveying means (3a) defining a movement trajectory (3b) of the mortar in the fluid state towards the outlet opening (4), a transfer pipe (6) defining a transfer channel (6a) of the mortar in the fluid state, positioned beyond the outlet opening (4), and during use, in fluidic through communication with said outlet (4), drive means (5) suitable to move, without dismantling, the mechanical members (3) and the transfer pipe (6) in a direction away from the bottom (2a) of the hopper (2) to facilitate cleaning of the hopper (2), in addition the distancing of the transfer pipe (6) is suitable to free the outlet opening (4) so as to allow, for cleaning operations, the output of the mortar from the hopper (2) through the outlet opening (4) towards the outside environment and not into the transfer channel (6a).

IPC 8 full level
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CPC (source: EP)
B28C 5/0806 (2013.01); **B28C 5/1292** (2013.01); **F04B 15/02** (2013.01); **F04B 15/023** (2013.01)

Cited by
CN114633374A; US2018186032A1; US11040463B2

Designated contracting state (EPC)
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