

Title (en)
MACHINE FOR MIXING AND PUMPING MORTAR, PLASTER AND CEMENT MIXES IN GENERAL

Title (de)
Maschine zum Mischen und Pumpen von Mörtel, Gips und Zementmischungen im Allgemeinen

Title (fr)
Machine pour mélanger et pomper des mortier, du plâtre et des mélanges de ciment en général

Publication
EP 1669180 A3 20061213 (EN)

Application
EP 05111932 A 20051209

Priority
• IT TO20040864 A 20041210
• IT TO20050645 A 20050920

Abstract (en)
[origin: EP1669180A2] A machine (1) for mixing and pumping mortar and similar has a tank (2) having an inlet (2a) through which to pour into the tank the various component materials of the mortar for pumping; a pump assembly (3) for pumping the mortar out of the tank (2) at a predetermined pressure and/or flow rate; a drive unit (4) for driving the pump assembly (3); a movable loading bucket (7) hinged to the frame of the machine (1) to rotate about a substantially horizontal dump axis (A); and an actuating device (8) for moving the movable bucket (7), on command and about its dump axis (A), between a lowered position, in which the movable bucket (7) is located alongside the tank (2), and a raised position, in which the movable bucket (7) is positioned upside down over the tank (2), with the outlet (7a) of the movable bucket aligned with the inlet (2a) of the tank (2); the machine (1) also having a guard grille (12) closing the inlet (2a) of the tank (2), and vibrating means (13) for vibrating the guard grille (12) on command.

IPC 8 full level
B28C 5/12 (2006.01); **B28C 7/06** (2006.01); **B28C 7/08** (2006.01); **B28C 7/16** (2006.01); **E04G 21/04** (2006.01); **B65D 88/66** (2006.01)

CPC (source: EP)
B28C 5/0887 (2013.01); **B28C 5/123** (2013.01); **B28C 7/065** (2013.01); **B28C 7/0841** (2013.01); **B28C 7/163** (2013.01); **E04F 21/08** (2013.01)

Citation (search report)
• [Y] EP 0763409 A2 19970319 - PUTZMEISTER MASCHF [DE]
• [Y] DE 4402275 A1 19950803 - PUTZMEISTER MASCHF [DE]
• [A] EP 0567367 A1 19931027 - VIDAL LUCIEN RENE [FR]

Cited by
ITUA20162273A1; EP2838701A4; CN109227940A; FR3032627A1; ES2306614A1; EP3213812A1; DK201600132A1; DK179342B1; WO2011008716A3; US9951535B2; US11203879B2; WO2008129100A1; US9738461B2; US11198567B2; EP4000837A1; FR3116226A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK YU

DOCDB simple family (publication)
EP 1669180 A2 20060614; EP 1669180 A3 20061213

DOCDB simple family (application)
EP 05111932 A 20051209