

Title (en)

Mold for forming ceramic products, typically pressure-glazed tiles, and the relative loading means.

Title (de)

Form zum Herstellen von keramischen Gegenständen, insbesondere von druckglasierten Fliesen und Vorrichtung zum Füllen dieser Form.

Title (fr)

Moule pour la fabrication d'éléments en céramiques, en particulier de carreaux pressés émaillés et moyens d'alimentation de ce moule.

Publication

EP 0569070 A1 19931110 (EN)

Application

EP 93201036 A 19930408

Priority

IT RE920036 A 19920507

Abstract (en)

In a ceramic mold comprising an upper plate (300) supported by the mobile cross-member (11) of a ceramic press, a lower plate (3) located on the press bed (2), and an intermediate plate (30) or die-plate mounted on damper devices (9) and having at least one through forming cavity, with said plates (3) and (300) there being associated at least one lower die (5) for forming the laying face of the tiles and at least one upper die (15) for forming their exposed face, the active surface of said at least one upper die (15) is provided with a plurality of small incisions or slits (155; 162) which are connected, via at least one rear system of channels (25, 24), to at least one suction unit (19, 20) which puts said incisions under vacuum when the upper die (15) is raised so that this latter becomes at least partly covered with at least one pulverulent material drawn from at least one corresponding service trolley, and breaks the vacuum in the incisions when the die (15) is lowered, with simultaneous release of said at least one material. <IMAGE>

IPC 1-7

B28B 13/02; **B28B 3/02**; **B28B 23/00**

IPC 8 full level

B28B 3/02 (2006.01); **B28B 13/02** (2006.01); **B30B 15/02** (2006.01)

CPC (source: EP)

B28B 3/021 (2013.01); **B28B 13/022** (2013.01); **B30B 15/022** (2013.01)

Citation (search report)

- [A] EP 0414149 A2 19910227 - INAX CORP [JP]
- [A] DE 2513072 A1 19751016 - LONGINOTTI SPA
- [A] DE 3133663 A1 19830310 - BUCHER GUYER AG MASCH [CH]
- [A] EP 0444730 A2 19910904 - LB OFFICINE MECCANICHE SPA [IT]

Cited by

CN110606770A; EP0997248A3; ITBO20100385A1; EP1097911A3; CN112550410A; CN106671257A; IT202000021154A1; WO2020231363A1

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 0569070 A1 19931110; **EP 0569070 B1 19970611**; AT E154279 T1 19970615; DE 69311439 D1 19970717; IT 1257499 B 19960125; IT RE920036 A0 19920507; IT RE920036 A1 19931107

DOCDB simple family (application)

EP 93201036 A 19930408; AT 93201036 T 19930408; DE 69311439 T 19930408; IT RE920036 A 19920507