

Title (en)

Device and method for feeding the mould cavity with powder or granular material, in ceramic tile manufacture

Title (de)

Vorrichtung und Verfahren zum Füllen eines Pressformhohlraumes mit einem pulverförmigen oder körnigen Material bei der Herstellung von keramischen Fliesen

Title (fr)

Dispositif et méthode pour remplir la cavité d'un moule avec un matériau en poudre ou granulaire dans la fabrication de carreaux en céramique

Publication

EP 0909622 B1 20040225 (EN)

Application

EP 98203157 A 19980918

Priority

IT RE970074 A 19971014

Abstract (en)

[origin: EP0909622A1] The device comprises a loading carriage (10) having at least one loading compartment (11) with plan dimensions equal to those of a mould cavity (6) and being driven with reciprocating movement between a retracted position in which the loading compartment (11) receives the material, and an advanced position in which the loading compartment (11) releases the material into the mould cavity (6). Above the compartment (11) of the carriage when in its retracted position there is positioned an intermediate container (20) having plan dimensions equal to the loading compartment (11) and with its internal space divided by a first series of vertical baffles (22) which define a plurality of shaped regions separated from each other. To the container (20) there are applied means (30', 30", 21) for conveying, into said shaped regions, different materials specific for said regions, and means (23, 24) for closing and opening material passage through the base of the intermediate container (20). Within the carriage loading compartment (11) there is positioned a second series of vertical baffles (12), which define a plurality of mutually separated shaped regions equal in plan view to the regions defined by the first series of baffles (22). <IMAGE>

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IPC 8 full level

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CPC (source: EP)

B28B 13/022 (2013.01); **B28B 13/023** (2013.01)

Cited by

EP1323510A1; EP1621309A3; EP1005968A3; ITMO20100362A1; ITMO20100363A1; WO2012085889A1

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