

Title (en)

Loading system for the moulds of tile forming presses and relative implementation means

Title (de)

Vorrichtung zur Füllung der Formen in Pressen zur Herstellung von Fliesen und Ausführungsmittel dafür

Title (fr)

Dispositif d'alimentation pour les moules des presses utilisées dans la fabrication de carreaux et moyens de mise en oeuvre correspondants

Publication

**EP 0894591 A1 19990203 (EN)**

Application

**EP 98202433 A 19980720**

Priority

IT RE970056 A 19970801

Abstract (en)

A system for loading the forming cavities provided in ceramic press moulds with a soft mass consisting of at least two overlying layers of powder materials having different characteristics comprises filling the mould cavity with a first mixture of powder material, compacting said material in a controlled manner, and depositing on said compacted material a second powder material in such a quantity as to complete the filling of the mould forming cavity before pressing. The plant for implementing the system comprises a loading carriage (4) provided with a usual grid-type compartment, and having a frame structure (40) supporting means arranged to compact by means of a roller (44) in a controlled manner a first layer of soft mass within the mould cavity (3), and a small hopper (42) for feeding a second layer of said soft mass directly into the mould cavity (3) after compacting the first layer. <IMAGE>

IPC 1-7

**B28B 13/02**

IPC 8 full level

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CPC (source: EP)

**B28B 3/12** (2013.01); **B28B 13/022** (2013.01); **B28B 13/023** (2013.01); **B28B 13/026** (2013.01); **B28B 13/0295** (2013.01)

Citation (search report)

- [A] EP 0444730 A2 19910904 - LB OFFICINE MECCANICHE SPA [IT]
- [A] US 2208054 A 19400716 - REED GORDON W
- [A] FR 1501676 A 19671110
- [A] DATABASE WPI Section PQ Week 9202, Derwent World Patents Index; Class P64, AN 92-011065, XP002084615

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