

Title (en)

Mold part for pressing ceramic items

Title (de)

Formteil für das Pressen von keramischen Fliesen

Title (fr)

Partie de moule pour le pressage de carreaux en céramique

Publication

EP 1132185 A3 20021023 (EN)

Application

EP 01104570 A 20010305

Priority

IT MO20000035 A 20000307

Abstract (en)

[origin: EP1132185A2] An improved mold part for pressing ceramic items comprises: a concave rigid support (2), which forms a cavity (3) open in an upward region; a plurality of open cells (4), which are formed proximate to the bottom of the cavity (3); a perforated plate (6), which can be inserted in the cavity (3) so as to rest on the surface formed by the cells (4); a membrane (7) for closing the cavity (3) in an upward region, which is made of a material of the elastically deformable type and can be fixed perimetrically to the edge (9) of the support (2); and at least one hole (8), which is formed in the support (2) and is connected to the cavity (3), for feeding an incompressible fluid so as to form a continuous cushion (10) which is interposed between the perforated plate (6) and the membrane (7) and is adapted to allow uniform distribution of the pressing loads of the ceramic items. <IMAGE>

IPC 1-7

B28B 7/00; **B28B 7/06**; **B30B 15/06**; **B28B 3/00**

IPC 8 full level

B28B 3/00 (2006.01); **B30B 15/06** (2006.01)

CPC (source: EP)

B28B 3/024 (2013.01); **B28B 7/346** (2013.01); **B30B 15/061** (2013.01)

Citation (search report)

- [A] EP 0701889 A2 19960320 - ALGERI MARIS [IT]
- [A] EP 0556163 A1 19930818 - SICHENIA GRUPPO CERAMICHE S P [IT]
- [A] DE 2204238 A1 19730802 - SIEMPELKAMP GMBH & CO
- [A] EP 0392818 A2 19901017 - NGK INSULATORS LTD [JP]

Cited by

CN112208190A; CN116494354A

Designated contracting state (EPC)

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

DOCDB simple family (publication)

EP 1132185 A2 20010912; **EP 1132185 A3 20021023**; IT 1315606 B1 20030314; IT MO20000035 A1 20010907

DOCDB simple family (application)

EP 01104570 A 20010305; IT MO20000035 A 20000307