

Title (en)  
Mold for making ceramic tiles

Title (de)  
Form für das Pressen von keramischen Fliesen

Title (fr)  
Moule pour le pressage de carreaux en céramique

Publication  
**EP 1714760 A2 20061025 (EN)**

Application  
**EP 06112866 A 20060421**

Priority  
IT BO20050268 A 20050421

Abstract (en)  
A mold for making tiles, which comprises an upper half-mold, which is composed of a plurality of male plugs, and a lower half-mold, which is composed of a plurality of complementary plugs (1) accommodated in respective receptacles (1b) of a die (1a) which are aligned with respective male plugs, each complementary plug comprising a base (2), a plate (5) which is associated with the base by a plurality of fixing means (8) distributed along a peripheral line and has an upper face (6, 7) which forms the bottom of the receptacle and a lower face which, together with the base, encloses a chamber (13, 16) which is filled with an incompressible liquid and reaches the vicinity of the peripheral line, the base (2) being provided with means (21-24; 35-45) which, during pressing, cause a yielding of the peripheral region (26, 30) of the plate with respect to its central region, so as to equalize the compaction of the powder over the entire surface of the receptacles during pressing.

IPC 8 full level  
**B28B 3/00** (2006.01); **B30B 15/00** (2006.01)

CPC (source: EP)  
**B28B 3/024** (2013.01); **B30B 11/001** (2013.01); **B30B 15/007** (2013.01)

Citation (applicant)  
• US 4576092 A 19860318 - YAMATO YOSHIHARU [JP]  
• US 5330346 A 19940719 - SCARDOVI ITALO [IT]  
• IT 694381 U 19810310  
• FR 686942 A 19300801  
• IT 1286224 B1 19980708 - CASOLARI FABIO [IT]

Cited by  
ITMI20121558A1; ITMO20080246A1; ITMO20130142A1; EP2397292A1; ITMO20100183A1; US8647107B2; WO2014045149A1

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