

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

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK YU

DOCDB simple family (publication)
EP 1714760 A2 20061025; EP 1714760 A3 20070801; EP 1714760 B1 20100818; AT E477898 T1 20100915; DE 602006016188 D1 20100930; ES 2358947 T3 20110517; IT BO20050268 A1 20061022

DOCDB simple family (application)
EP 06112866 A 20060421; AT 06112866 T 20060421; DE 602006016188 T 20060421; ES 06112866 T 20060421; IT BO20050268 A 20050421