

Title (en)

Isostatic die, particularly for ceramic tiles and relative method

Title (de)

Verfahren und Form zum isostatischen Pressen, insbesondere zum Herstellen von Keramikfliesen

Title (fr)

Méthode et matrice de pressage isostatique, en particulier pour la fabrication de carreaux en céramique

Publication

**EP 0620089 B1 19961211 (EN)**

Application

**EP 94200624 A 19940311**

Priority

- IT MO930028 A 19930317
- IT MO930068 A 19930521
- IT MO930123 A 19930929
- IT MO930159 A 19931215

Abstract (en)

[origin: EP0736363A2] The die for pressing ceramic tiles makes for greater uniformity of pressing by compensating for differences of density occurring when loading the matrix with the powders to be pressed; the die (P) has a cavity closed on the side facing the clay mixture to be pressed by means of an elastic membrane (5) peripherally anchored to the body of said die (P), said elastic membrane (5) being associated to a stiffening plate (111, 316, 362, 372) the cavity may contain an incompressible fluid (11).

IPC 1-7

**B28B 3/02**; **B28B 3/00**

IPC 8 full level

**B28B 3/00** (2006.01); **B28B 7/34** (2006.01); **B30B 5/02** (2006.01); **B30B 11/00** (2006.01); **B30B 15/02** (2006.01)

CPC (source: EP)

**B28B 3/003** (2013.01); **B28B 7/346** (2013.01); **B30B 5/02** (2013.01); **B30B 11/001** (2013.01); **B30B 15/024** (2013.01)

Cited by

EP2586580A1; DE19629413A1; ITMI20131699A1; ITRE20090112A1; ITRM20100294A1; IT202100014210A1; DE19731146C1; IT201600079937A1; ITPD20120277A1; CN107139315A; EP0701889A3; EP1958745A3; EP0759346A1; EP2548707A1; ITMO20110174A1; EP2397292A1; ITMO20100183A1; IT201700036509A1; EP0780202A3; EP1704975A3; ITMI20111917A1; US8647107B2; WO2009101500A1

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