

Title (en)

Die means, particularly for pressing ceramic tiles

Title (de)

Form, insbesondere zum Pressen von Keramikfliesen

Title (fr)

Matrice, en particulier pour le pressage de carreaux en céramique

Publication

EP 0736363 B1 19971203 (EN)

Application

EP 96201446 A 19940311

Priority

- EP 94200624 A 19940311
- IT MO930028 A 19930317
- IT MO930068 A 19930521
- IT MO930123 A 19930929
- IT MO930159 A 19931215

Abstract (en)

[origin: EP0620089A2] The isostatic die for pressing items, in particular 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; said die consists of an elastic membrane (5), delimiting externally a cavity in the punch or in the matrix, the membrane being connected to elements (1; 3; 18; 103a; 111; 128; 129; 208; 316) for controlling deformation, among which is a plate (18; 111) attached in a predetermined way to the membrane (5) and/or to the cavity of the matrix and/or of the punch; its use is foreseen in establishments for the manufacture of ceramic items.

IPC 1-7

B28B 3/02

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

IT201900002749A1; EP1714760A3; EP1958745A3; EP1008438A1; EP2397292A1; ITMO20100183A1; US8647107B2

Designated contracting state (EPC)

ES IT PT

DOCDB simple family (publication)

EP 0620089 A2 19941019; **EP 0620089 A3 19950315**; **EP 0620089 B1 19961211**; AT E146115 T1 19961215; DE 69401084 D1 19970123; DE 69401084 T2 19970710; EP 0720896 A1 19960710; EP 0720896 B1 19971203; EP 0736363 A2 19961009; EP 0736363 A3 19970205; EP 0736363 B1 19971203; ES 2097607 T3 19970401; ES 2111409 T3 19980301; ES 2112073 T3 19980316

DOCDB simple family (application)

EP 94200624 A 19940311; AT 94200624 T 19940311; DE 69401084 T 19940311; EP 96200762 A 19940311; EP 96201446 A 19940311; ES 94200624 T 19940311; ES 96200762 T 19940311; ES 96201446 T 19940311