

Title (en)

Isostatic die, particularly for ceramic tiles and relative method.

Title (de)

Verfahren und Form zum isostatistischen 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 A3 19950315 (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: 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; B28B 3/00

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

- [A] US 4937025 A 19900626 - FOSTER ROBERT D [US], et al
- [A] US 4370120 A 19830125 - FOSTER ROBERT D [US], et al
- [A] GB 1160590 A 19690806 - YUKEN KOGYO CO LTD [JP]
- [AP] EP 0570038 A1 19931118 - MASS SPA [IT]
- [AP] EP 0556163 A1 19930818 - SICHENIA GRUPPO CERAMICHE S P [IT]
- [A] EP 0400704 A2 19901205 - MASS SPA [IT]

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Designated contracting state (EPC)

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DOCDB simple family (publication)

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