Title (en)

Ceramic punch of the stamp type

Title (de)

Pressstempel zur Prägung von Keramikgegenständen

Title (fr)

Poinçon de presse pour formage dûne surface de pièces en céramique

Publication

EP 1704975 A3 20070704 (EN)

Application

EP 06075328 A 20060210

Priority

IT RE20050033 A 20050325

Abstract (en)

[origin: EP1704975A2] Punch for moulding ceramic tiles, comprising a rigid body (1) provided with an active face (2) suitable for coining the fixing side of the tiles, a first sub-plane (30) formed on said active face (2) of the rigid body (1), a second sub-plane (31) that defines a plurality of projecting ribs (6, 60), a plurality of grooves (4) crossing over one another that cross said second sub-plane (31) forming a lattice and that define coplanar flat areas (5) around said projecting ribs (6, 60), said lattice of grooves (4) making a labyrinth channel that contains an incompressible fluid (10), an elastically flexible perforated plate (7) rested upon said flat areas (5), the openings of which are suitable for slotting onto said projecting ribs (6, 60) with perfect fit, and an elastically deformable membrane (8) firmly fixed to said first sub-plane (30) and to said perforated plate (7), the outer face of said membrane (8) being equipped with a lattice of grooves (9) suitable for forming support feet in the tile.

IPC 8 full level

B28B 3/00 (2006.01)

CPC (source: EP)

B28B 3/003 (2013.01)

Citation (search report)

- [XY] EP 0701889 A2 19960320 - ALGERI MARIS [IT]
- [Y] EP 0620089 A2 19941019 - ALGERI MARIS [IT]
- [A] WO 03086722 A1 20031023 - MOLCER S A [ES], et al
- [A] EP 0759346 A1 19970226 - CAMORANI CARLO ANTONIO [IT], et al
- [A] EP 0659527 A1 19950628 - MASS SPA [IT]

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)

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