

Title (en)
METHOD PARTICULARLY FOR DECORATING CERAMIC TILES AND RELATIVE SILK-SCREEN PRINTING MACHINE

Title (de)
VERFAHREN UND SIEBDRUCKMASCHINE ZUM GLASIEREN KERAMISCHER FLIESEN

Title (fr)
PROCEDE PARTICULIEREMENT DESTINE A LA DECORATION DE CARREAUX DE CERAMIQUE ET APPAREIL DE SERIGRAPHIE ASSOCIE

Publication
EP 0729411 A1 19960904 (EN)

Application
EP 94926920 A 19940905

Priority

- EP 9402958 W 19940905
- IT MO930111 A 19930907

Abstract (en)
[origin: WO9507183A1] The method for silk-screen printing of ceramic tiles comprises propelling the tiles (A, B, C, D; E, F) by side traction for positioning in a silk-screen printing station (18, 18A, 20, 21), silk-screen printing of the tiles, a plurality of independent positioning devices (2, 3, 4, 5, 6, 7, 15) being provided whereby each tile to be printed is taken by a positioning device when it is still engaged by the preceding positioning device; the method allows simultaneous silk-screen printing of a group of at least two tiles as well as silk-screen printing of a single tile by means of a plurality of positioning devices; the invention further comprises a silk-screen printing machine comprising a conveyor device (1) for feeding the tiles to a silk-screen printing means, at least two positioning devices (2, 3, 4, 5, 6, 7, 15) having consecutive pairs of endless belts (4, 5) acting on the edges of the tiles in a plane comprising, or laying substantially parallel to, the surface of the tile to be printed and straddling the conveyor device.

IPC 1-7
B41F 15/08; **B41F 15/26**

IPC 8 full level
B28B 11/00 (2006.01); **B28B 11/04** (2006.01); **B28B 13/04** (2006.01); **B41F 15/08** (2006.01); **B41F 15/26** (2006.01)

CPC (source: EP)
B28B 11/001 (2013.01); **B28B 11/04** (2013.01); **B28B 13/04** (2013.01); **B41F 15/0881** (2013.01); **B41F 15/26** (2013.01); **B41P 2217/56** (2013.01)

Citation (search report)
See references of WO 9507183A1

Citation (examination)
DE-A- 3 313 590

Cited by
WO2023047328A1

Designated contracting state (EPC)
ES IT

DOCDB simple family (publication)
WO 9507183 A1 19950316; AU 7656494 A 19950327; EP 0729411 A1 19960904; EP 0729411 B1 19971210; IT 1262657 B 19960704; IT MO930111 A0 19930907; IT MO930111 A1 19950307

DOCDB simple family (application)
EP 9402958 W 19940905; AU 7656494 A 19940905; EP 94926920 A 19940905; IT MO930111 A 19930907