

Title (en)

Decorated ceramic tiles, apparatus and method for decorating the same

Title (de)

Verzierte keramische Fliesen, Vorrichtung und Verfahren zu deren Dekoration

Title (fr)

Carreaux céramique décorés, dispositif et procédé pour les décorer

Publication

EP 1097911 A3 20031210 (EN)

Application

EP 00124075 A 20001106

Priority

- IT MO990247 A 19991105
- IT MO20000132 A 20000616

Abstract (en)

[origin: EP1097911A2] A method for forming decorated ceramic tiles (1, 1a, 1b, 1d) comprises distributing ceramic material (20) suitable for forming a base layer of a ceramic support (2), decorating said base layer (2) with a decorating material (4, 4a, 4b, 4f, 4g, 4h, 4n, 4m), pressing together said decorating material (4, 4a, 4b, 4f, 4g, 4h, 4n, 4m) and said base layer for obtaining a compact ceramic support, said decorating comprising associating to said base layer only laminar elements (4, 4a, 4b, 4f, 4g, 4h, 4n, 4m) of said decorating material. An apparatus for forming decorated ceramic tiles (1, 1a, 1b) comprises distributing means arranged for distributing a layer of ceramic material (20) suitable for forming a base body of a ceramic support (2), decorating means arranged for decorating said base layer with a decorating material (4, 4a, 4b, 4f, 4g, 4h, 4n, 4m), pressing means (6) arranged for pressing together said decorating material (4, 4a, 4b, 4f, 4g, 4h, 4n, 4m) and said base layer in order to obtain a compact ceramic support (2), said decorating means comprising associating means (32, 32a, 36, 113) arranged for associating to said base layer only laminar elements (4, 4a, 4b, 4f, 4g, 4h, 4n, 4m) of said decorating material. <IMAGE>

IPC 1-7

B44C 5/04; B44C 1/10; B28B 13/02

IPC 8 full level

B28B 13/02 (2006.01); **B44C 5/04** (2006.01)

CPC (source: EP)

B28B 13/022 (2013.01); **B28B 13/027** (2013.01); **B44C 5/0438** (2013.01)

Citation (search report)

- [YA] GB 516362 A 19400101 - GORDON WIES REED
- [Y] DE 2551184 A1 19770518 - VILLEROY & BOCH
- [XY] DE 4130130 A1 19930318 - GAIL AG [DE]
- [Y] US 5662847 A 19970902 - UCHIDA HIROSHI [JP], et al
- [XY] EP 0569070 A1 19931110 - MASS SPA [IT]
- [A] EP 0300532 A1 19890125 - MOSA KONINKL BV [NL]
- [A] EP 0249109 A1 19871216 - HOECHST AG [DE]

Cited by

EP1211034A3; EP1226912A3; EP1493696A3; WO2013057205A1; WO2006013032A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

EP 1097911 A2 20010509; EP 1097911 A3 20031210

DOCDB simple family (application)

EP 00124075 A 20001106