

Title (en)

A process for realising matrices for use in ceramic tile decoration

Title (de)

Verfahren zur Herstellung von Matrizen für die Herstellung von dekorierten Kacheln

Title (fr)

Procédé de réalisation de matrices pour utilisation avec des carreaux céramiques décorés

Publication

EP 1083062 A2 20010314 (EN)

Application

EP 00830605 A 20000907

Priority

IT MO990181 A 19990908

Abstract (en)

The process for realising matrices which can be used for decorating ceramic tiles comprises the following stages: manufacture of a template (1) reproducing, in three-dimensional form and in relief with respect to a reference surface (2) of the template (1), a decoration to be applied on ceramic tiles; creation of a matrix (3) made of an elastomer, obtained by impression of the elastomer on the template (1), thus creating on the elastomer a recessed impression of the decoration on the template (1). The recessed impression is obtained by a dropping of the elastomer in a liquid state onto the template and a subsequent solidification of the elastomer on the template (1) to form a layer. The recessed impression is destined to be filled with a product to be transferred onto the tiles, which will constitute the decoration thereon. <IMAGE>

IPC 1-7

B44C 5/04; **B44C 3/04**; **B28B 7/34**; **B28B 3/12**

IPC 8 full level

B28B 7/34 (2006.01); **B28B 11/00** (2006.01); **B28B 11/04** (2006.01); **B44C 3/04** (2006.01); **B44C 5/04** (2006.01)

CPC (source: EP)

B28B 7/346 (2013.01); **B28B 7/348** (2013.01); **B28B 11/001** (2013.01); **B28B 11/04** (2013.01); **B28B 11/046** (2013.01); **B44C 3/046** (2013.01); **B44C 5/04** (2013.01); **B44C 5/0438** (2013.01); **B44C 5/0446** (2013.01)

Cited by

CN111331714A; EP1403018A3; CN104708705A; EP1640129A3

Designated contracting state (EPC)

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

DOCDB simple family (publication)

EP 1083062 A2 20010314; **EP 1083062 A3 20021211**; IT 1310821 B1 20020222; IT MO990181 A0 19990908; IT MO990181 A1 20010308

DOCDB simple family (application)

EP 00830605 A 20000907; IT MO990181 A 19990908