

Title (en)
A device for decorating ceramic tiles

Title (de)
Vorrichtung zum Dekorieren von keramischen Fliesen

Title (fr)
Dispositif pour la décoration des carreaux en céramique

Publication
EP 0829333 B1 20010919 (EN)

Application
EP 97830330 A 19970701

Priority
IT MO960114 A 19960913

Abstract (en)
[origin: EP0829333A1] A device (1) for decorating ceramic tiles (3) comprises a conveyor (2) for tiles (3) provided with transversal strip (4) for transporting and correctly positioning the tiles (3). A skin (16) wound tube-like around a rotating frame (5) exhibits a smooth lateral surface externally of which a matrix is formed, constituted by small blind cavities destined to house small quantities of glaze. A feed conduit (7) deposits glaze on the external surface of the skin (16) and a doctor (8) removes excess glaze. Two rollers are arranged internally tangentially to the skin (16), a first (11) of which rollers presses the skin (16) against the doctor (8) and a second (12) of which rollers presses the skin (16) against the tiles (3) as they transit, so as to transfer the glaze on the matrix onto the tiles (3). <IMAGE>

IPC 1-7
B28B 11/00; **B28B 11/04**; **B05C 1/08**

IPC 8 full level
B05C 1/08 (2006.01); **B28B 11/00** (2006.01); **B28B 11/04** (2006.01)

CPC (source: EP)
B05C 1/0826 (2013.01); **B28B 11/001** (2013.01); **B28B 11/044** (2013.01); **B28B 11/046** (2013.01)

Cited by
CN108437172A; CN100434250C; EP1256427A3; EP1529615A3; US8337947B2; WO2004022296A1; US6800229B2; US7267536B2

Designated contracting state (EPC)
DE ES FR GB IT PT

DOCDB simple family (publication)
EP 0829333 A1 19980318; **EP 0829333 B1 20010919**; DE 69706792 D1 20011025; DE 69706792 T2 20020529; ES 2161431 T3 20011201; IT 1287473 B1 19980806; IT MO960114 A0 19960913; IT MO960114 A1 19980313; PT 829333 E 20020228

DOCDB simple family (application)
EP 97830330 A 19970701; DE 69706792 T 19970701; ES 97830330 T 19970701; IT MO960114 A 19960913; PT 97830330 T 19970701