

Title (en)
DEVICE FOR THE DECORATION OF CERAMIC TILES

Title (de)
VORRICHTUNG ZUM DEKORIEREN VON KERAMISCHEN FLIESEN

Title (fr)
DISPOSITIF PERMETTANT DE DECORER DES CARREAUX DE CERAMIQUE

Publication
EP 1038689 B1 20040407 (EN)

Application
EP 99949020 A 19991011

Priority
• ES 9900322 W 19991011
• ES 9802136 A 19981014

Abstract (en)
[origin: EP1038689A1] It has means (1) for conveyance of the tiles (2) that are printed by means of projection of ink, characterized in that it has at least one head (3) that is constituted by at least two independent printing modules (5) that are connected to a control unit (13) that controls the operation of each printing module (5) independently, in order to print the desired motif. The printing band f of each printing module (5) is located after the adjacent modules (5). The number of printing modules (5) is such that at least the entire width of the tile is covered. In order to cover this width heads may be arranged in series. There is at least one head per color to be printed. The entire described structure permits the printing by means of a single passing of the tile. <IMAGE>

IPC 1-7
B41M 1/34; C04B 41/85

IPC 8 full level
B28B 11/00 (2006.01); **B28B 11/04** (2006.01); **B41J 2/01** (2006.01); **B41J 3/407** (2006.01); **B41M 1/34** (2006.01)

CPC (source: EP)
B28B 11/001 (2013.01); **B28B 11/048** (2013.01); **B41J 2/01** (2013.01); **B41J 3/407** (2013.01)

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CN102303982A; US2015290665A1; US10035160B2; AT501432B1; ITUB20153837A1; DE102007021765A1; DE102007021765B4; ITVR20110228A1; CN104093531A; AT501317B1; IT201800008069A1; US12030327B2; US8141970B2; EP4360874A1; WO2007091136A1; WO2017051337A1; WO2013093668A1; WO2006027212A1; WO2024089516A1; WO2011027012A1; WO2024028677A1; US8753702B2; US9511946B2; EP2100739B1; EP1872959B1; EP2100739A2; US8141981B2; US8764148B2; US10525755B2; US7976906B2; US8603589B2; US9636923B2; US9636922B2; US9656476B2; US10464339B2; WO2024127269A1; WO2020031162A3; US8328303B2; US8960828B2; US9340033B2; US11959279B2; WO2020161609A1; BE1027024A1; EP2319699A1; US8256890B2; WO2015092745A1; US9874030B2; US10450761B2; EP3696343A1; EP3808921A1; US10988942B2; US11492811B2; EP1872959A1

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