

Title (en)

A process and apparatus for decorating ceramic slabs or tiles

Title (de)

Verfahren und Vorrichtung zum Dekorieren von keramischen Fliesen oder Platten

Title (fr)

Procédé et dispositif pour la décoration des carreaux ou dalles en céramique

Publication

**EP 1334811 A3 20050420 (EN)**

Application

**EP 03425046 A 20030129**

Priority

IT MO20020026 A 20020207

Abstract (en)

[origin: EP1334811A2] The process for decorating ceramic slabs or tiles comprises: application of a first layer of powders (3) on a mobile conveyor plane (1); the powders (3) being raw materials destined for press-forming and firing to produce a ceramic slab or a tile; possible application of a second layer of powders (5) on the first layer of powders (3). During firing the second layer of powders (5) reacts with subsequently-applied colouring substances applied according to predetermined patterns. A slight compacting of the powders is performed by pressing, if considered necessary, before application, in predetermined patterns, and by means of ink-jet systems, of colouring liquids which will react, during firing, with at least the powders of the second layer of powders (5) in order to colour the second layer of powders (5). A final pressing is then performed. <IMAGE>

IPC 1-7

**B28B 3/12**; **B28B 11/00**; **B28B 3/00**; **C04B 41/80**

IPC 8 full level

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CPC (source: EP)

**B28B 3/00** (2013.01); **B28B 3/123** (2013.01); **B28B 11/001** (2013.01); **B28B 11/048** (2013.01); **B28B 13/0205** (2013.01)

Citation (search report)

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- [A] EP 0927687 A2 19990707 - ALGERI MARIS [IT], et al
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