

Title (en)

Method and plant for forming ceramic slabs or tiles

Title (de)

Verfahren und Anlage zur Herstellung von keramischen Fliesen oder Platten

Title (fr)

Procédé et installation pour la fabrication de carreaux ou dalles en céramique

Publication

EP 1356909 A3 20041222 (EN)

Application

EP 03075964 A 20030402

Priority

IT RE20020035 A 20020424

Abstract (en)

[origin: EP1356909A2] Method for forming ceramic tiles, comprising the following operative steps: creating a continuous layer of powders on a conveyor belt; advancing said belt through a first pressing station of continuous type, with which means for laterally retaining the powders are associated, to effect a first pressing of the powders during the advancement of the belt, and obtain a coherent article of compacted powders; and, by suitable means, controlling and limiting the expansion of said powder article on termination of said first compaction. <IMAGE>

IPC 1-7

B28B 3/00; **B28B 3/12**

IPC 8 full level

B28B 3/00 (2006.01); **B28B 3/12** (2006.01); **B28B 5/02** (2006.01); **B30B 5/06** (2006.01)

CPC (source: EP)

B28B 3/00 (2013.01); **B28B 3/123** (2013.01); **B28B 5/027** (2013.01); **B30B 5/067** (2013.01)

Citation (search report)

- [XY] US 1953704 A 19340403 - KONRAD ERDMANN
- [DY] WO 9823424 A2 19980604 - CAMORANI CARLO ANTONIO [IT], et al
- [X] US 5135693 A 19920804 - HILBERT THOMAS [DE], et al

Cited by

WO2009010361A1; CN102441936A; EP1669176A3; ITPD20110104A1; RU2753891C1; US2021114254A1; EP1674227A3; EP1669178A3; EP1669177A3; EP1674228A3; CN106079037A; WO2012137066A1; EP1669178A2; WO2016046724A1

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