

Title (en)

System for altering the arrangement of the powders forming a strip for the forming of ceramic tiles or slabs

Title (de)

System zur Änderung der Struktur von einem pulverförmigen Material zur Formung eines Bandes zur Herstellung von keramischen Fliesen oder Platten

Title (fr)

Système pour la modification de la structure d'un matériau en poudre pour le formage d'une bande apte à fabriquer des dalles ou des carreaux en céramique

Publication

**EP 1745906 A2 20070124 (EN)**

Application

**EP 06076166 A 20060602**

Priority

IT RE20050084 A 20050719

Abstract (en)

A system for altering the arrangement of the powders (33) forming a strip (100) for the forming of ceramic tiles or slabs comprising a hopper (34) having a prismatic conformation with a front face (34a) and a rear face (34b) placed transverse with respect to the direction of an underlying movable horizontal drop surface (2) and at a distance (B) substantially equal to the thickness (S) of the strip of powders (100) to be compacted, said hopper (34) being adapted to transfer onto said movable surface (2) a strip of powders (100) reproducing the same prearranged arrangement of the powders (33) present in the hopper (34), where said system comprises alteration means (11;12;13) of the prearranged arrangement of the powders (33), said alteration means (11;12;13) being arranged on the hopper (34) and adapted to operate on the powders (33) before they are transferred onto said movable surface (2).

IPC 8 full level

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CPC (source: EP)

**B28B 1/005** (2013.01); **B28B 13/0215** (2013.01)

Citation (applicant)

- WO 2005068146 A2 20050728 - SACMI [IT], et al
- EP 0940235 A2 19990908 - MARAZZI GRUPPO CERAMICHE S P A [IT]

Cited by

IT201700026199A1; CN110418701A; US11407143B2; WO2018163124A1

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