

Title (en)

Improved plant for forming ceramic tiles or slabs

Title (de)

Verbesserte Anlage zur Herstellung von keramischen Fliesen oder Platten

Title (fr)

Installation améliorée pour la fabrication de carreaux ou de dalles en céramique

Publication

EP 1669176 A3 20061108 (EN)

Application

EP 05077746 A 20051201

Priority

IT RE20040151 A 20041210

Abstract (en)

[origin: EP1669176A2] A plant (1) for forming ceramic tiles or slabs comprising a conveyor belt (2) on which a continuous strip (100) of powdered ceramic material is created, compacting devices (4, 5) that allow said strip (100) of powders on the belt (2) to be subjected to continuous pressing to obtain a coherent article of compacted powders, and means that allow the lateral containment of the material on the belt. Said means comprise at least one pair of longitudinal parallel containment walls (8, 9), between which the powdered material is contained, each of said containment walls (8, 9) comprising a main body (80, 90) with high elastic deformability, and at least one longitudinal core (81, 91) having a modulus of elasticity of more than 1000 N/mm² that, associated with said main body, extends substantially for its entire length.

IPC 8 full level

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

CPC (source: EP)

B28B 3/123 (2013.01); **B30B 5/06** (2013.01)

Citation (search report)

- [X] US 3528126 A 19700915 - ERNST RUDOLF, et al
- [X] US 6322346 B1 20011127 - HOFFMANN PETER [DE], et al
- [A] US 2770977 A 19561120 - RICHARD BECKADOLPH, et al
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- [A] SE 516764 C2 20020226 - BERNDORF BAND GMBH [AT]
- [A] US 3462795 A 19690826 - HERMANN ALFRED HANS
- [A] US 4573404 A 19860304 - HELD KURT [DE]
- [A] DE 1936684 A1 19710204 - KUNSTSTOFF VERFAHRENSTECHNIK D
- [A] WO 9823424 A2 19980604 - CAMORANI CARLO ANTONIO [IT], et al

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

EP 1669176 A2 20060614; **EP 1669176 A3 20061108**; CN 1785633 A 20060614; IT RE20040151 A1 20050310; RU 2005137235 A 20070610; RU 2385803 C2 20100410

DOCDB simple family (application)

EP 05077746 A 20051201; CN 200510128788 A 20051202; IT RE20040151 A 20041210; RU 2005137235 A 20051201