

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 1669178 A3 20061108 (EN)**

Application

**EP 05077754 A 20051201**

Priority

IT RE20040149 A 20041210

Abstract (en)

[origin: EP1669178A2] A plant (1) for forming ceramic tiles or slabs comprising compacting means suitable for subjecting a continuous strip (100) of powdered ceramic material on a conveyor belt (2) to continuous pressing, the compacting means comprising at least one pair of sliding belts (42, 52), on top of and facing one another, each of which is partially wound on at least one motorised drive roller (40, 50), means (44, 54) being foreseen for locking the aforementioned drive rollers (40, 50) when the plant (1) is shut down, so that the respective belts (42, 52) remain subjected to a tension of over 90% that to which they are subjected when the plant is operating.

IPC 8 full level

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

CPC (source: EP)

**B28B 3/123** (2013.01); **B28B 17/0081** (2013.01); **B30B 5/06** (2013.01)

Citation (search report)

- [YD] EP 1356909 A2 20031029 - SACMI [IT]
- [Y] SU 925794 A1 19820507 - DN METALL INST [SU]
- [A] US 3217863 A 19651116 - WELLESLEY DUNCAN ANGUS
- [A] SU 1518236 A1 19891030 - POMETUN SERGEJ K [SU], et al
- [A] RU 2167096 C1 20010520 - SANKT PETERBURGSKIJ G GORNYJ I, et al
- [A] RU 2182554 C1 20020520 - T IM G V PLEKHANOVA TEKHN UNI, et al
- [A] GB 190022447 A 19011210 - BEAUMONT WILLIAM WORBY [GB] & US 2407253 A 19460910 - CONNER GUY O
- [A] PATENT ABSTRACTS OF JAPAN vol. 009, no. 231 (M - 414) 18 September 1985 (1985-09-18)

Cited by

CN106738212A; CN114616093A; WO2021076045A1

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 1669178 A2 20060614**; **EP 1669178 A3 20061108**; **EP 1669178 B1 20140212**; CN 1785631 A 20060614; ES 2457751 T3 20140429; IT RE20040149 A1 20050310; PL 1669178 T3 20140829; PT 1669178 E 20140416; RU 2005137233 A 20070610; RU 2385801 C2 20100410

DOCDB simple family (application)

**EP 05077754 A 20051201**; CN 200510128786 A 20051202; ES 05077754 T 20051201; IT RE20040149 A 20041210; PL 05077754 T 20051201; PT 05077754 T 20051201; RU 2005137233 A 20051201