

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 1669177 B1 20140827 (EN)

Application
EP 05077747 A 20051201

Priority
IT RE20040150 A 20041210

Abstract (en)
[origin: EP1669177A2] A plant 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 comprising at least one pair of parallel elastically deformable containment walls (8, 9), between which the powdered material is contained before, during and after pressing. Said containment walls (8, 9) have the interfacing sides (80, 90) inclined with respect to the plane of the conveyor belt (2), so that they do not interfere, after pressing, with the article of compacted powders, so as not to induce stresses in it that could cause it to be damaged.

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)

Cited by
ITUB20155626A1; RU2730093C1; ITRE20110081A1; ITUA20162412A1; CN108698355A; ITUA20161363A1; CN108472906A; US11020875B2; WO2017085597A1; WO2013050845A1; US10478995B2; US10675778B2; WO2017149484A1; WO2017122124A1

Designated contracting state (EPC)
ES IT PL PT TR

DOCDB simple family (publication)
EP 1669177 A2 20060614; EP 1669177 A3 20061108; EP 1669177 B1 20140827; CN 1785632 A 20060614; CN 1785632 B 20100915; ES 2523165 T3 20141121; IT RE20040150 A1 20050310; PL 1669177 T3 20150331; PT 1669177 E 20141114; RU 2005137234 A 20070610; RU 2385802 C2 20100410

DOCDB simple family (application)
EP 05077747 A 20051201; CN 200510128787 A 20051202; ES 05077747 T 20051201; IT RE20040150 A 20041210; PL 05077747 T 20051201; PT 05077747 T 20051201; RU 2005137234 A 20051201