

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 A2 20060614 (EN)**

Application  
**EP 05077747 A 20051201**

Priority  
IT RE20040150 A 20041210

Abstract (en)  
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)

Citation (applicant)  
WO 9823424 A2 19980604 - CAMORANI CARLO ANTONIO [IT], et al

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

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