

Title (en)

A device for forming ceramic products, including slabs, tiles and the like, by powder pressing

Title (de)

Vorrichtung zum Herstellen von keramischen Gegenständen wie zum Beispiel Platten, Fliesen und ähnlichen Artikeln durch Pressen von Pulver

Title (fr)

Dispositif pour la fabrication d'articles en céramique comme par exemple des dalles, des carreaux et des articles similaires par pressage de poudre

Publication

EP 1500480 A2 20050126 (EN)

Application

EP 04076698 A 20040610

Priority

IT MO20030209 A 20030722

Abstract (en)

The device comprises: a lower element (2) bearing a lower rest plane (3) for supporting materials to be pressed, the lower rest plane (3) also forming a lower surface of closure of the device; the lower element (2) resting slidably on a lower pressing organ; an upper element (4) which is elastically deformable and provided with at least one active surface (5), which active surface (5) is predisposed to face the lower rest plane (3); a forming frame (6) which projects below a downwards-facing surface of the upper pressing organ and which is predisposed above the upper element (4) and delimits a perimeter of a pressing zone. The forming frame (6) also generates, following a pressing operation, an edge (22) of a final pressed piece (21) which exhibits a greater compaction and therefore a greater density than other zones of the final pressed piece (21). <IMAGE>

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IPC 8 full level

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CPC (source: EP)

B28B 3/024 (2013.01); **B28B 5/021** (2013.01); **B30B 5/06** (2013.01)

Cited by

WO2009007862A1; ITUB20155626A1; RU2761452C2; ITUA20162412A1; CN108349108A; RU2730093C1; EP4163070A1; US11020875B2; CN108698355A; ITUA20161363A1; RU2734313C2; WO2017085597A1; ITUB20160504A1; CN108472906A; US2019009429A1; RU2725797C2; US10478995B2; EP3260260A1; US10675778B2; WO2017122124A1; WO2017149484A1

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