Title (en)
Structural board

Title (de)
Bauplatte

Title (fr)
Panneau de construction

Publication
EP 2410104 A2 20120125 (DE)

Application
EP 11172639 A 20110705

Priority
AT 12272010 A 20100720

Abstract (en)
The structural panel has a primary base plate made of gypsum or calcium silicate, and a covering layer made of clay and vegetable fibers, where the base plate is treated with white glue, and exhibits a smooth surface. The base plate is formed as a gypsum plasterboard, a gypsum fiber board or a calcium silicate plate. Typha fibers are provided as the vegetable fibers in the covering layer, and the white glue is applied in the base plate as a thin layer in an amount between 80 and 180 grams per meter square. An independent claim is also included for a method for manufacturing a structural panel.

Abstract (de)
Die Erfindung betrifft eine Bauplatte aus einer primär aus Gips oder Kalziumsilikat aufgebauten Grundplatte und einer im Wesentlichen aus Lehm bestehenden Deckschicht, die Pflanzenfasern enthält. Eine besondere mechanische Stabilität dieses Verbundes wird dadurch erreicht, dass die Grundplatte mit Weißleim behandelt ist, um die Haftung der Deckschicht zu verbessern.

IPC 8 full level
E04C 2/04 (2006.01); **E04C 2/26** (2006.01)

CPC (source: EP)
E04C 2/043 (2013.01); **E04C 2/26** (2013.01)

Citation (applicant)
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Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2410104 A2 20120125; **EP 2410104 A3 20121205**; AT 510031 A4 20120115; AT 510031 B1 20120115; DE 202011110346 U1 20130719

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