

Title (en)
Insulating board for façades and process for producing the same

Title (de)
Fassadendämmplatte und Verfahren zu ihrer Herstellung

Title (fr)
Panneau d'isolation de façade et son procédé de fabrication

Publication
EP 1219755 A3 20030514 (DE)

Application
EP 01130650 A 20011220

Priority
DE 10064784 A 20001222

Abstract (en)
[origin: DE10064784A1] An insulating plate (1), especially for bracket-mounted, rear-ventilated facades, comprises a base layer (11) and a covering layer (12), both made of the same bound mineral fibers. The covering layer has a greater strength, especially plug passage strength, than the base layer. The fibers of the mineral wool in the covering layer have a different thickness to the fibers of the base layer. The median value d50 of the fiber diameter of the fibers of the covering layer is about 50-100% greater than that of the fibers of the base layer, producing a reinforced three-dimensional supporting framework in the covering layer increasing the plug passage strength. An Independent claim is also included for a method for manufacturing the above insulating plate. Preferred Features: The median value d50 of the fiber diameter of the covering layer is 6-13, preferably 7-10, especially about 8 μ m. The median value d50 of the fiber diameter of the base layer is 3-6, preferably 4-5, especially about 4 μ m.

IPC 1-7
E04B 1/80; E04B 1/76; C03B 37/075; C03B 37/04; D04H 1/70; D04H 13/00

IPC 8 full level
E04B 1/80 (2006.01); E04F 13/08 (2006.01)

CPC (source: EP)
E04B 1/7629 (2013.01); **E04B 1/80** (2013.01); E04F 13/0801 (2013.01)

Citation (search report)

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