

Title (en)

FAÇADE INSULATING BOARD FOR INSULATING EXTERIOR FAÇADES OF BUILDINGS, HEAT INSULATING COMPOSITE SYSTEM HAVING SUCH FAÇADE INSULATION BOARDS, AND METHOD FOR PRODUCING A FAÇADE INSULATING BOARD

Title (de)

FASSADENDÄMMPLATTE FÜR DIE DÄMMUNG VON AUSSENFASSADEN VON GEBÄUDEN, WÄRMEDÄMM-VERBUNDSYSTEM MIT DERARTIGEN FASSADENDÄMMPLATTEN SOWIE VERFAHREN ZUR HERSTELLUNG EINER FASSADENDÄMMPLATTE

Title (fr)

PLAQUE D'ISOLATION DE FAÇADE POUR L'ISOLATION DE FAÇADES EXTERNES DE BÂTIMENTS, SYSTÈME COMPOSITE D'ISOLATION THERMIQUE COMPORTANT DES PLAQUES D'ISOLATION DE FAÇADE DE CE TYPE ET PROCÉDÉ DE FABRICATION D'UNE PLAQUE D'ISOLATION DE FAÇADE

Publication

**EP 2137359 B2 20190508 (DE)**

Application

**EP 08749004 A 20080418**

Priority

- EP 2008003160 W 20080418
- DE 102007018774 A 20070420

Abstract (en)

[origin: WO2008128733A1] The present invention relates to a façade insulating board (4) for insulating exterior façades (2) of building, particularly as a component of a heat insulating composite system (1), which is made of bound mineral wool and meets a rated value of heat conductivity  $\lambda < 0.040$  W/mK according to DIN EN 13162. The façade insulating board (4) has an under layer (41) and a cover layer (42). The under layer (41) is made of laminar mineral wool. The cover layer (42) comprises mineral wool having increased mechanical strength compared to the under layer. The content of binding agent is first greater in the region of a boundary layer between the cover layer (42) and the laminar under layer (41) than in the other regions. The present invention further relates to a heat insulating composite system having such a new façade insulating board. The present invention further proposes a method for producing such a façade insulating board (4).

IPC 8 full level

**E04B 1/76** (2006.01); **D04H 1/00** (2006.01)

CPC (source: EP)

**E04B 1/762** (2013.01); **E04B 1/7633** (2013.01); **E04B 1/80** (2013.01); **E04F 13/045** (2013.01)

Citation (opposition)

Opponent :

- DE 4319340 C1 19950309 - ROCKWOOL MINERALWOLLE [DE]
- WO 03054264 A1 20030703 - ROCKWOOL INT [DK], et al
- DE 10336795 A1 20050310 - SAINT GOBAIN ISOVER G & H AG [DE]
- CA 1057183 A 19790626 - FIBERGLAS CANADA LTD
- DEUTSCHES INSTITUT FÜR BAUTECHNIK: "Allgemeine bauaufsichtliche Zulassung Z-33. 40-142", DATENBLATT 'PUTZTRÄGERPLATTE COVERROCK PLUS', 14 June 2005 (2005-06-14), Berlin
- "Allgemeine bauaufsichtliche Zulassung. Z-33. ", DEUTSCHES INSTITUT FÜR BAUTECHNIK, 15 June 2005 (2005-06-15), Berlin, pages 40 - 92

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)

**DE 102007018774 A1 20081023**; CN 101680221 A 20100324; CN 101680221 B 20130306; DK 2137359 T3 20121008; DK 2137359 T4 20190819; EA 018261 B1 20130628; EA 200970986 A1 20100630; EP 2137359 A1 20091230; EP 2137359 B1 20120620; EP 2137359 B2 20190508; ES 2390522 T3 20121113; ES 2390522 T5 20200204; JP 2010525191 A 20100722; JP 5290275 B2 20130918; PL 2137359 T3 20130131; PL 2137359 T5 20200921; UA 99130 C2 20120725; WO 2008128733 A1 20081030

DOCDB simple family (application)

**DE 102007018774 A 20070420**; CN 200880012459 A 20080418; DK 08749004 T 20080418; EA 200970986 A 20080418; EP 08749004 A 20080418; EP 2008003160 W 20080418; ES 08749004 T 20080418; JP 2010503422 A 20080418; PL 08749004 T 20080418; UA A200911900 A 20080418