

Title (en)

INSULATING ELEMENT FOR THE INSULATION OF FLAT ROOFS

Title (de)

ISOLIERENDES ELEMENT ZUR ISOLIERUNG VON FLACHDÄCHERN

Title (fr)

ÉLÉMENT ISOLANT POUR L'ISOLATION DE TOITS PLATS

Publication

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Application

EP 12806506 A 20121221

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Abstract (en)

[origin: WO2013093057A1] The invention relates to a thermal insulating element comprising an insulating layer having a first face and a second face, said insulating layer comprising a coherent man-made vitreous fibre-containing insulating material and at least one reinforcing element extending substantially from the first face to the second face of the insulating layer, wherein the reinforcing element comprises a polymeric foam composite material, the composite material comprising a polymeric foam and man-made vitreous fibres produced with a cascade spinner or a spinning cup, wherein at least 50% by weight of the man-made vitreous fibres present in the polymeric foam composite material have a length less than 100 micrometers.

IPC 8 full level

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Citation (search report)

See references of WO 2013093057A1

Citation (examination)

MAJBRIIT D. LUND, YUANZHENG YUE: "Impact of drawing stress on the tensile strength of oxide glass fibers", JOURNAL OF THE AMERICAN CERAMIC SOCIETY, vol. 93, 10, October 2010 (2010-10-01), pages 3236 - 3243

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