

Title (en)
THIN INSULATION PANEL OF MINERAL WOOL FOR ROOF STRUCTURES AND METHOD OF MANUFACTURING THE INSULATION PANEL

Title (de)
DÜNNE DÄMMPLATTE AUS MINERALWOLLE FÜR DACHSTRUKTUREN UND VERFAHREN ZUR HERSTELLUNG DER DÄMMPLATTE

Title (fr)
PANNEAU MINCE D'ISOLATION EN LAINE MINÉRALE POUR DES STRUCTURES DE TOIT ET PROCÉDÉ DE FABRICATION DU PANNEAU

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Application
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Abstract (en)
The invention relates to a thin insulation sheet of mineral wool for roof structures, as well as to a method of manufacturing the thin insulation sheet. The insulation sheet comprises a core layer of mineral wool and a flexible skin provided on at least one side thereof. The core layer comprises a mineral wool sheet (1'), which is produced by longitudinal compression and in which fibers (2), during the course of longitudinal compression, strive to orient themselves mainly towards a plane defined by the sheet's major surfaces (3, 4). The core layer is provided on either side thereof with a flexible skin (5, 6) satisfying the fire class A1 of standard EN 13501-1, which is affixed to the core layer with the mineral wool sheet's own bonding agent prior to curing the mineral wool sheet.

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Citation (search report)

- [X] EP 1559844 A1 20050803 - ROCKWOOL MINERALWOLLE [DE]
- [XY] US 5981024 A 19991109 - NOERGAARD LUIS JOERGEN [DK], et al
- [Y] US 3922425 A 19751125 - PLUMBERG LEONARD J

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