

Title (en)  
BUILDING ROOF, INSULATING LAYER STRUCTURE, AND MINERAL FIBRE INSULATING ELEMENT FOR A BUILDING ROOF

Title (de)  
GEBÄUDEDACH SOWIE DÄMMSCHICHTAUFBAU UND MINERALFASERDÄMMSTOFFELEMENT FÜR EIN GEBÄUDEDACH

Title (fr)  
TOIT DE BATIMENT, STRUCTURE A COUCHE D'ISOLATION ET ELEMENT D'ISOLATION A FIBRES MINERALES DESTINE A UN TOIT DE BATIMENT

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Abstract (en)  
[origin: WO2006042720A3] The invention relates to a building roof (1), preferably with a flat or flat inclined embodiment, consisting of a roof infrastructure (2) especially consisting of profiled metal sheets, a heat insulating layer which is arranged on said infrastructure and consists of at least one resilient mineral fibre insulating element (4), and at least one device for fixing the mineral fibre insulating element to the roof infrastructure, said mineral fibre insulating element comprising at least two essentially parallel large surfaces (10, 16) arranged at a distance from each other. The aim of the invention is to provide an improved building roof, wherein mineral fibre insulating elements, that can be produced and integrated in a simple and cost-effective manner and especially have the required mechanical properties, such as especially high resistance to pressure, can be used as a component of the insulating layer structure. To this end, the mineral fibre integrating element consists of a meandering mineral fibre strip comprising a plurality of parallel sections (9), said sections and the mineral fibres (15) thereof extending essentially at a right angle to the large surfaces (10, 16), and adjacent sections, at least in the region of a large surface (10,16), being interconnected by means of deviation regions (11).

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