

Title (en)
METHOD FOR PRODUCING ROOF INSULATION PLATES, ROOF INSULATION PLATES AND DEVICE FOR IMPLEMENTING SAID METHOD

Title (de)
VERFAHREN ZUR HERSTELLUNG VON DACHDÄMMPLATTEN, DACHDÄMMPLATTEN UND VORRICHTUNG ZUR DURCHFÜHRUNG DES VERFAHRENS

Title (fr)
PROCEDE DE PRODUCTION DE PLAQUES ISOLANTES DE TOITURE, PLAQUES ISOLANTES DE TOITURE ET DISPOSITIF UTILISE POUR L'APPLICATION DE CE PROCEDE

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Application
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Abstract (en)
[origin: WO02099213A1] The invention relates to a method for producing particularly large-sized roof insulation plates made from fibre materials, whereby mineral fibres are produced from a silicate melt and deposited with a binding and/or impregnating agent as a mineral fibre strip on a continuous conveyor. Said mineral fibre strip is mechanically machined and fed into a hardening furnace and finally divided into plates along the cutting surfaces. The invention also relates to a device for producing roof insulation plates and implementing said method, with a conveying route along which the roof insulation plates are conveyed to the packing station. In order to create a method and a device for implementing said method which enable the simple and cost-effective production of roof insulation plates with greater dimensional accuracy, the plates are accurately arranged on the continuous conveyor both lengthways and widthways, the two dimensions forming a right angle. The narrow edge of the roof insulation plates is finally trimmed so that said plates have a maximum deviation widthways measuring +/- 0.5 to 1 mm and/or a maximum oblique angle of the cutting surfaces relative to the longitudinal surfaces of 0,5 to 1 mm, in relation to a length of 1 m. A stop, which can be brought into the conveying route, is arranged in the conveying route at a right angle relative to the direction of conveyance. A device for cutting or machining the side-surfaces of the roof insulation plates which extend substantially parallel to the direction of conveyance is placed after the stop.

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