

Title (en)

PLANT AND PROCESS FOR PRODUCING A COATED MINERAL FIBRE ELEMENT

Title (de)

ANLAGE UND VERFAHREN ZUR HERSTELLUNG VON EINEM BESCHICHTETEN MINERALFASERMATERIAL

Title (fr)

INSTALLATION ET PROCEDE POUR PRODUIRE UN ELEMENT EN FIBRES MINERALES ENDUIT

Publication

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Application

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Priority

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- DK 61297 A 19970528

Abstract (en)

[origin: WO9854388A1] A plant and a process for producing a mineral fibre element comprising a mineral fibre base layer having a surface coating in the form of a fibrous non-woven fabric formed of a thermoplastic polymer material, the surface coating covering at least part of the surface of the base layer, wherein the plant comprises one or more coating devices, means for melting a thermoplastic polymer material, means for supplying the polymer melt obtained to the coating devices, wherein each coating device comprises a number of dispensing units comprising a number of orifices, means for extruding the polymer melt obtained through the orifices and distributing the extruded polymer material on the surface of a mineral fibre base layer, and means for directing one or more high pressure gas streams closely past the orifices in order to elongate the extruded polymer material so as to form thin filaments and/or fibres, and wherein the distance between the orifices and the surface of the base layer is from 50 mm to 150 mm.

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IPC 8 full level

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