

Title (en)
EQUIPMENT FOR MANUFACTURING FIBER STRUCTURE, METHOD FOR MANUFACTURING FIBER STRUCTURE, AND FIBER STRUCTURE

Title (de)
VORRICHTUNG ZUR HERSTELLUNG EINER FASERSTRUKTUR, VERFAHREN ZUR HERSTELLUNG EINER FASERSTRUKTUR UND FASERSTRUKTUR

Title (fr)
ÉQUIPEMENT POUR LA FABRICATION D'UNE STRUCTURE DE FIBRES, PROCÉDÉ DE FABRICATION D'UNE STRUCTURE DE FIBRES, ET STRUCTURE DE FIBRES

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Application
EP 21154181 A 20210129

Priority
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Abstract (en)
[origin: EP3859082A1] Equipment for manufacturing a fiber structure in the present disclosure includes: a defibrator configured to pulverize and defibrate a fiber material containing fibers; a transport pipe through which a defibrated material defibrated by the defibrator is transported; a melting-material mixing section configured to mix a melting material into the defibrated material transported through the transport pipe; a fibrous-web forming machine configured to accumulate the defibrated material in which the melting material is mixed and form a fibrous web; a sheet supply section configured to supply a shape-maintaining sheet to the fibrous web; and a heating-and-compression mechanism configured to compress the shape-maintaining sheet and the fibrous web between planar plates and heat the shape-maintaining sheet and the fibrous web to a temperature equal to or higher than a temperature at which the melting material softens.

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