

Title (en)

A PROCESS FOR PREPARING A UNIDIRECTIONAL FIBER WEB, THE USE THEREOF FOR PREPARING UNIDIRECTIONAL COMPOSITE MATERIALS.

Title (de)

VERFAHREN ZUR HERSTELLUNG EINES UNIDIREKTIONALEN FASERGEWEBES UND GEBRAUCH DIESER WEBE ZUR HERSTELLUNG VON UNIDIREKTIONALEN VERBUNDMATERIALIEN.

Title (fr)

PROCEDE DE PREPARATION D'UNE BANDE DE FIBRES UNIDIRECTIONNELLE ET SON UTILISATION DANS LA PREPARATION DE MATERIAUX COMPOSITES UNIDIRECTIONNELS.

Publication

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Application

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Priority

GB 9019774 A 19900910

Abstract (en)

[origin: WO9204491A1] A process for preparing a unidirectional fiber web is disclosed, which comprises disposing several rovings side by side, each having a plurality of individual fiber filaments, and needling transversally said rovings, thereby opening the rovings and forming a continuous fiber web therefrom. This continuous unidirectional fiber web can be used for preparing unidirectional composite materials through a wet method.

Abstract (fr)

L'invention décrit un procédé de préparation d'une bande de fibres unidirectionnelle, comprenant la disposition de plusieurs mèches côte à côte, chacune d'entre elles possédant une pluralité de filaments de fibres individuels et le passage d'une aiguille dans le sens transversal desdites mèches, afin de les ouvrir et former une bande de fibres continue à partir desdites mèches. On peut utiliser cette bande de fibres unidirectionnelle et continue pour préparer des matériaux composites unidirectionnels au moyen d'un procédé humide.

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