

Title (en)

METHOD FOR PRODUCING A THERMOPLASTICALLY DEFORMABLE, FIBRE-REINFORCED SEMI-FINISHED PRODUCT

Title (de)

VERFAHREN ZUR HERSTELLUNG EINES THERMOPLASTISCH VERFORMBAREN, FASERVERSTÄRKTEN HALBZEUGS

Title (fr)

PROCEDE POUR FABRIQUER UN SEMI-PRODUIT THERMOPLASTIQUEMENT MALLEABLE ET RENFORCE PAR DES FIBRES

Publication

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Application

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Abstract (en)

[origin: DE10105813A1] The invention relates to a continuous method for producing a thermoplastically deformable, thin semi-finished product consisting of a thermoplastic and long reinforcement fibres. The method comprises the following steps: A. the thermoplastic fibres and reinforcement fibres are mixed in their dry state to form a mixed nonwoven, B. the mixed nonwoven is bonded by needling, C. the bonded mixed nonwoven is heated and D. pressed to form a semi-finished product on a calender or in a smoothing device.

IPC 1-7

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IPC 8 full level

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CPC (source: EP US)

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