

Title (en)

CARBON FIBER-REINFORCED WOOD GLUE BINDER

Title (de)

KOHLENSTOFFFASERVERSTÄRKTE HOLZLEIMBINDER

Title (fr)

LIANTS DE COLLE A BOIS RENFORCES PAR DES FIBRES DE CARBONES

Publication

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Application

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Abstract (en)

[origin: WO0017465A1] Carbon fiber-reinforced plastics (CFP) with very high tensile strength and relatively light weight are quite known in prior art. The invention utilizes the above-mentioned characteristics of CFP as traction reinforcements (5) in wood glue binders (1), wherein the tensile strength of the wood glue binder (1) and its flexural strength are considerably enhanced when the CFP traction reinforcement (5) is applied on the traction side (4) of a beam (1) subjected to bending.

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