

Title (en)

STORAGE-STABLE PREPREGS ON THE BASIS OF DUROPLASTIC, OLEOCHEMICAL MATRICES

Title (de)

LAGERSTABILE PREPREGS AUF BASIS DUROPLASTISCHER, OLEOCHEMISCHER MATRICES

Title (fr)

FEUILLE PREIMPREGNEE STABLE AU STOCKAGE A BASE DE MATRICES LIPOCHIMIQUES THERMODURCISSEABLES

Publication

**EP 1230294 A1 20020814 (DE)**

Application

**EP 00981207 A 20001021**

Priority

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- EP 0010394 W 20001021

Abstract (en)

[origin: WO0132755A1] The aim of the invention is to obtain prepregs on the basis of duroplastic, oleochemical matrices that can be stored at room temperature. To this end, a fiber material that preferably contains natural fibers is contacted with a matrix material at temperatures of 40 to 80 DEG C in the presence of a suitable catalyst and the fiber material impregnated with the matrix is cooled to temperatures of 30 DEG C and less. The matrix material is chosen from a fatty substance with at least 12 C atoms that contains epoxide and/or hydroxyl groups, a cross-linking agent and a catalyst, and the matrix material has a Brookfield viscosity of 600 to 1400 MPa at temperatures of 40 to 80 DEG C.

IPC 1-7

**C08J 5/24**; **C08J 5/04**; **C08G 59/34**

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

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