

Title (en)

THERMOPLASTICALLY PROCESSABLE STARCH-BASED COMPOSITE MATERIALS

Title (de)

THERMOPLASTISCH VERARBEITBARE VERBUNDMATERIALIEN AUF STÄRKEBASIS

Title (fr)

MATERIAUX COMPOSITES A BASE D'AMIDON POUVANT ETRE SOUMIS A DES TRAITEMENTS THERMOPLASTIQUES

Publication

**EP 0722475 A1 19960724 (DE)**

Application

**EP 94927656 A 19940927**

Priority

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Abstract (en)

[origin: CA2173583A1] The description relates to a shapeable composite material based on thermomechanically hydrolyzed starch in a homogenous mixture with synthetic polymer compounds. To optimise its mechanical strength, synthetic polymer compounds with lateral and/or terminal straightchained and saturated fatty radicals are added and homogenised with the thermoplasticised starch in selected quantity ratios. The invention also relates to the process for producing such a shape-processable composite material and its use to produce mouldings, e.g. packaging materials such as foils, bottles, jars, boxes and the like.

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**C08L 3/02**

IPC 8 full level

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Citation (search report)

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