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

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Application
EP 94927656 A 19940927

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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 staightchained and saturated fatly 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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