

Title (en)

COMPOSITE MOULDED PARTS COMPRISING A FILM COATING AND METHOD FOR PRODUCING THE SAME

Title (de)

VERBUNDFORMTEILE MIT EINER FOLIENBESCHICHTUNG UND VERFAHREN ZU DEREN HERSTELLUNG

Title (fr)

PIECES MOULEES COMPOSITES MUNIES D'UN REVETEMENT PELLICULAIRE ET PROCEDE PERMETTANT DE LES PRODUIRE

Publication

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Application

**EP 02752880 A 20020313**

Priority

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- EP 0202742 W 20020313

Abstract (en)

[origin: DE10113273A1] The invention relates to a method for producing composite moulded parts, whereby a) a single or multilayered film is introduced into a tool, b) said film being or to be thermoformed, c) the film is rear-injected or rear-pressed according to an injection moulding method or a pressing method, with a fused plastic material containing a pore-forming foaming agent and a fibrous material, and d) the composite moulded part is removed from the tool.

[origin: DE10113273A1] Deepdrawn or thermoformed mono- or multiple films placed in a tool and there sprayed or pressed from below with fused plastics followed by composite removal from the tool. Pressing is by extrusion, swelling or pre-forming and uses a chemical driving agent and fibers inserted so the volatiles have been divided from this agent once the plastics is inserted in the tool. The one film consists of a mix of polyamides and polyethylene monomers and comprises substrate, intermediate or decorative layer and a transparent cover layer, notably a UV-wettable resin. Preferred fibers include glassfiber and carbon or natural fibers.

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