

Title (en)

METHOD OF MAKING A MOULDED ITEM FROM A PLASTIC-REINFORCED FIBRE MAT AND A COATING MATERIAL BACKING THE FIBRE MAT

Publication

EP 0236516 B1 19881228 (DE)

Application

EP 86102984 A 19860306

Priority

DE 3503192 A 19850131

Abstract (en)

[origin: EP0236516A1] 1. A method of producing a moulded part (10) consisting of a plastic-reinforced nonwoven fabric (13) and fabric-backed (20), in particular for vehicle interior lining, such as a hat depositing place, a side door panel or the like, wherein the upper surface (14) of the moulded part (10) is first provided with a bonding agent (15) and the cover fabric (20) is placed upon this coating, characterized in that the upper surface (14) of the moulded part (10) is first wetted all over with a liquid (18), such as water, whereafter a bonding agent consisting of a thermoplastic material (21) is applied on the wetted (19) surface (14) in a free-flowing pulverized condition (28), the superficial liquid (19) acting as an adhesive between the moulded part (10) and the powder material (21) and temporarily holding the powder grains (28), thereafter the moulded part (10) provided with powder grains (28) is subjected to an at least superficially acting heat treatment (31) such as an infrared radiation, of such a dosage that after evaporation (33) of the adhesively acting liquid (19) the powder grains (28), while maintaining their shape, are locally sintered to the surface of the moulded part (28'), and by a further at least superficially acting heat treatment (37), such as an infrared radiation, the locally fixed powder grains (28') are liquefied (28'') so as to become adhesively active, whereupon finally the cover fabric (20) is placed thereupon and bonded with the moulded part (10).

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