

Title (en)

Method of painting elements made from plastics, and elements formed thereby

Title (de)

Verfahren zum Anstreichen von Kunststoffgegenstände und Gegenstände nach diesem Verfahren hergestellt

Title (fr)

Méthode pour peindre des éléments en plastique et éléments ainsi fabriqués

Publication

**EP 0753358 B1 20030312 (EN)**

Application

**EP 96110839 A 19960704**

Priority

IT TO950574 A 19950707

Abstract (en)

[origin: EP0753358A1] A method in which a surface of an element formed from a thermosetting synthetic plastics material which is to be painted, for example, a motor vehicle component formed from a composite such as SMC or BMC receives, before the normal layers of primer and paint, at least one layer of a polymerisable material, the said material, once polymerised, being able to form a layer that is impermeable to any gaseous substance and characterised by a temperature at which polymerisation occurs lower than the temperature of vaporisation of the monomers from which the said synthetic plastics material of the element to be painted is formed, for example, a catalysed two-component polyurethane transparent paint; following the application of the said layer of polymerisable material, the element is stoved at the polymerisation temperature of this material until it is completely polymerised and is then painted in a conventional way, applying the successive layers of paint to the said gas-impermeable polymerised layer and, finally, it is stoved at a high temperature (150 DEG C) in order to polymerise the paint layers. <IMAGE>

IPC 1-7

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IPC 8 full level

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CPC (source: EP)

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Cited by

JP2002544314A; WO0068323A1; EP1499758A4; FR2980487A1; EP1524175A3; US6835759B2; US6852771B2; US6716891B1

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