

Title (en)

Process for coating composite profiles with powder lacquers

Title (de)

Verfahren zum Pulverlackieren von Verbundprofilen sowie Isolator für ein Verbundprofil

Title (fr)

Procédé pour revêtir des profilés composites avec des laques en poudres

Publication

**EP 0638368 B1 19970827 (DE)**

Application

**EP 94108493 A 19940602**

Priority

DE 4323480 A 19930714

Abstract (en)

[origin: EP0638368A1] A process for coating composite profiles with powder lacquers, comprising two profile parts of metal and at least one insulator of plastic, interconnecting these profile parts while at the same time forming a heat bridge, comprises the electrostatic application of a lacquer powder to the outer sides of the composite profile and the subsequent sintering together of this powder under the effect of heat to form a lacquer coating. The outer sides of the plastic insulators to be coated have applied to them beforehand a thin, electrically conductive coating which, during sintering of the lacquer powder, improves the adherence of the latter on the insulator. An insulator produced by this process has on its one outer side a thin, electrically conductive coating which, during sintering of the lacquer powder, improves the adherence of the latter on the insulator. <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

DE102011110899A1; EP1223188A1; FR2970661A1; EP2559838A2; WO2018220074A1; US11078715B2; WO2018220078A1; US11142942B2; DE202018006104U1; DE102017129353A1; WO2019110181A1; US11898056B2

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