

Title (en)
Laminated article.

Title (de)
Verbundkörper.

Title (fr)
Article stratifié.

Publication
EP 0052186 A1 19820526 (DE)

Application
EP 81106667 A 19810827

Priority
DE 3042922 A 19801114

Abstract (en)
1. A composite body having a surface coating (2) formed by thermal spraying and consisting of a high-melting-point substance, such as metals and/or their oxides, carbides, on a base body (1) of plastics material, to which the surface coating (2) is bound by way of an intermediate layer (3) formed by thermal spraying of a metal mixed with a plastics material, in which, in order to avoid thermal damage to the plastics material, the metal constituent of the intermediate layer (3) is a lower-melting-point metal or a lower-melting-point metal alloy relative to the high-melting-point substance.

Abstract (de)
Ein Verbundkörper mit einem Oberflächenüberzug aus einem hochschmelzenden Stoff, wie Metalle und/oder deren Oxide, Karbide, der an einen Kunststoffgrundkörper über eine Zwischenschicht gebunden ist, welcher aus einem niedrigschmelzenden Metall (oder -Legierung) und einem gemeinsam mit diesem thermisch spritzbaren Kunststoff besteht.

IPC 1-7
B05D 1/06; **C23C 7/00**; **B32B 15/00**

IPC 8 full level
B05D 1/06 (2006.01); **B05D 1/10** (2006.01); **B05D 7/02** (2006.01); **B32B 15/00** (2006.01); **C23C 4/02** (2006.01)

CPC (source: EP)
B05D 1/10 (2013.01); **B05D 7/02** (2013.01); **C23C 4/02** (2013.01); **B05D 2201/00** (2013.01); **B05D 2508/00** (2013.01); **B05D 2601/20** (2013.01)

Citation (search report)
• [A] DE 2142474 A1 19730308 - PUETZ ALBAN
• [A] FR 1379044 A 19641120 - DESMARQUEST & CIE L
• [AED] DE 3004869 B1 19811217 - MESSERSCHMITT BOELKOW BLOHM

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Designated contracting state (EPC)
DE FR GB

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