

Title (en)
METALLIZED COMPOSITE MATERIAL

Title (de)
METALLISIERTER VERBUNDWERKSTOFF

Title (fr)
MATÉRIAU COMPOSITE MÉTALLISÉ

Publication
EP 1989341 A2 20081112 (DE)

Application
EP 07704100 A 20070123

Priority
• EP 2007050668 W 20070123
• DE 102006003331 A 20060123

Abstract (en)
[origin: WO2007082961A2] Disclosed is a multilayer compound which is composed of a composite material and a metal layer or metal dispersion layer that is electrolessly applied thereto. The composite material contains 10 to 70 percent by volume of one or several inorganic materials and 30 to 90 percent by volume of one or several polymers or comprises a high temperature-resistant polymer while the surface of the composite material is plasma-modified in the presence of oxygen, and an electrolessly applied metal layer, metal alloy layer, metal dispersion layer, or metal alloy dispersion layer is deposited on the plasma-modified surface of the substrate. Also disclosed are a method for producing said multilayer compound as well as the use thereof.

IPC 8 full level
C23C 18/16 (2006.01); **C23C 18/18** (2006.01); **C25D 5/54** (2006.01)

CPC (source: EP)
C23C 18/2006 (2013.01); **C23C 18/30** (2013.01); **C23C 18/31** (2013.01); **C23C 18/1662** (2013.01)

Citation (search report)
See references of WO 2007082961A2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
WO 2007082961 A2 20070726; **WO 2007082961 A3 20080724**; DE 102006003331 A1 20070802; EP 1989341 A2 20081112

DOCDB simple family (application)
EP 2007050668 W 20070123; DE 102006003331 A 20060123; EP 07704100 A 20070123