

Title (en)

CONDUCTIVE, ORGANIC COATINGS WITH LOW LAYER THICKNESS AND GOOD PLASTICITY

Title (de)

LEITFÄHIGE, ORGANISCHE BESCHICHTUNGEN MIT GERINGER SCHICHTDICKE UND GUTER UMFORMBARKEIT

Title (fr)

REVÊTEMENTS ORGANIQUES CONDUCTEURS À FAIBLE ÉPAISSEUR DE COUCHE ET BONNE APTITUDE AU FORMAGE

Publication

**EP 2106425 A2 20091007 (DE)**

Application

**EP 07857253 A 20071205**

Priority

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- DE 102007001653 A 20070104

Abstract (en)

[origin: CA2674338A1] The invention relates to a metal sheet, or a component made of a metallic material, comprising a layer system on the surface with at least the following layers: a) a conversion layer, comprising no more than 1 mg chromium per m<sup>2</sup>, b) a layer of a cross-linked organic polymer system with a thickness in the range of 0.5 to 2.5 µm, comprising, in relation to the total mass of said layer, 2 to 25 wt.% of an electrically conductive pigment having a specific weight of 3 g/cm<sup>3</sup> maximum, however no more than 5 wt. % of the electrically conductive pigment having a specific weight of more than 3 g/m<sup>3</sup>. A coating material and a coating method for the production of the layer b).

IPC 8 full level

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CPC (source: EP KR US)

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C-Set (source: EP US)

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