

Title (en)  
PROCESS FOR METALLISING PLASTIC ARTICLES

Publication  
**EP 0530144 A3 19940824 (DE)**

Application  
**EP 92810626 A 19920814**

Priority  
CH 247891 A 19910823

Abstract (en)  
[origin: EP0530144A2] In a process for the partial and discontinuous metallisation of a plastic article by means of noble-metal particles, the plastic article containing a finely divided, homogeneously distributed filler selected from the group consisting of MnO, NiO, Cu<sub>2</sub>O, SnO and Bi<sub>2</sub>O<sub>3</sub> is treated with an acidic aqueous solution of a noble-metal salt in such a manner that noble-metal particles are partly and discontinuously applied by electrochemical means to the plastic surface by suitable adjustment of the concentration of the acids, of the noble-metal salt and of the filler with respect to one another, and the article metallised in this way is treated with a metal by a conventional process in order to produce a continuous metal layer on the treated surface.

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**C23C 18/20**; **C23C 18/42**

IPC 8 full level  
**C25D 5/56** (2006.01); **C23C 18/20** (2006.01)

CPC (source: EP)  
**C23C 18/2013** (2013.01); **C23C 18/206** (2013.01); **C23C 18/22** (2013.01); **C23C 18/30** (2013.01)

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• [XD] EP 0417037 A2 19910313 - CIBA GEIGY AG [CH]  
• [X] DE 2014399 A1 19701015

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EP0726697A3; DE19540122A1; FR2726205A1

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**EP 0530144 A2 19930303**; **EP 0530144 A3 19940824**; JP H05195286 A 19930803

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