

Title (en)
METALLISATION OF PLASTICS

Title (de)
METALLISIERUNG VON KUNSTSTOFFEN

Title (fr)
METALLISATION DE MATIERES PLASTIQUES

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Application
EP 93914605 A 19930702

Priority
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Abstract (en)
[origin: WO9401599A1] The description relates to a process for metallising plastics in which the plastic surface is pretreated first in a solution of swelling agent containing compounds of general formula $R1-(O-(CH_2)_n)m-OCO-R2$ in which $R1$, $R2 = C_kH_{2k+1}$, $n = 2$ or 3 and $k, m = 1, 2, 3$ or 4 , and then in a solution containing permanganate ions. In addition, there is an improved process for coating especially polymers with metal which provides better adhesion of the metal to the polymer substrate and a greater stability of the metal-polymer bond and reduced noble metal consumption in the catalysis/activation of the polymer surface.

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