

Title (en)

PROCESS FOR APPLYING METALLIC COATINGS TO METALLIC WORKPIECES BY A MECHANO-CHEMICAL TREATMENT OF SAID PIECES

Publication

EP 0012399 B2 19860917 (DE)

Application

EP 79105012 A 19791208

Priority

- DE 2854159 A 19781215
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Abstract (en)

[origin: EP0012399A1] 1. A process for applying metallic coatings to metallic workpieces by treating the workpieces in a bath containing inert impact bodies, the workpieces being immersed into the bath and a relative movement being produced between the workpieces and impact bodies or bath, and after cleaning of the workpieces metal ions and also a reaction mixture as well as the metal powder forming the coating are added to the bath containing an aqueous acid solution with nonylphenol-polyglycolether as an activator, characterized in that simultaneously the metal powder and a reaction mixture of hydrazine chloride and/or hydrazine sulphate and/or iron-II-sulphate with metal ions for local element formation as well as with tin-II- and/or antimony-III- sulphate to form a spongy tin or antimony layer adhering to the metal powder particles is added to the bath set at a pH value of between 1 and 2.

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C23C 17/00

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