

Title (en)

METAL COMPONENTS WITH AN ANTI-CORROSION COATING

Title (de)

METALLTEILE MIT EINER KORROSIONSSCHUTZ-SCHICHT

Title (fr)

PIECES METALLIQUES MUNIES D'UNE COUCHE ANTICORROSION

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Application

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Abstract (en)

[origin: DE19515234A1] The invention relates to metal components with an anti-corrosion coating based on a PU, epoxy or phenol resin with 10 to 80 wt. % of anti-corrosion pigments in relation to the solid content. The preferred anti-corrosion pigment is alpha -iron-III-oxide (black). The anti-corrosion coating is preferably used as a primer for subsequent bonding with a rubber compound under hot vulcanisation conditions. Both the primer and the binder are preferably applied by compressed-air spraying. It is possible in this way to obtain good corrosion resistance in the rubber/metal composite with simple means.

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