

Title (en)

PROCESS FOR PRODUCING A CORROSION- AND WEAR-RESISTANT LAYER BY THERMAL SPRAYING

Title (de)

VERFAHREN ZUM HERSTELLEN EINER KORROSIONS- UND VERSCHLEISSFESTEN SCHICHT DURCH THERMISCHES SPRITZEN

Title (fr)

PROCEDE POUR PRODUIRE UNE COUCHE ANTICORROSION ET ANTI-USURE PAR METALLISATION A CHAUD

Publication

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Application

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Abstract (en)

[origin: WO0031313A1] The invention relates to a material for producing a corrosion- and wear-resistant layer on a substrate by thermal spraying. Said material consists of at least 20 wt.-% - preferably more than 30 wt.-% - magnetite ( $\text{Fe}_3\text{O}_4$  and/or  $\text{FeFe}_2\text{O}_4$ ). Preferably, the inventive material consists of pure magnetite or of magnetite and at least one other metallic material or at least one intermetallic compound.

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