

Title (en)

METHOD FOR PASSIVATING A METAL SURFACE

Title (de)

VERFAHREN ZUR PASSIVIERUNG EINER METALLISCHEN OBERFLÄCHE

Title (fr)

PROCÉDÉ DE PASSIVATION D'UNE SURFACE MÉTALLIQUE

Publication

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Application

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Abstract (en)

[origin: WO2015154851A1] The invention relates to a method for passivating a metal surface (25) of a light-weight metal part (3), wherein a conversion layer (5) is applied to the surface (25) of the light-weight metal part (3) in a passivation step (P). According to the invention, a passivation step (P) is carried out wherein an aqueous passivation solution is used to create a calcium phosphate-containing conversion layer (5) on the metal surface (25) of the part (3), said conversion layer (5) comprising oxides and hydroxides from the material of the part (3) and from the passivation solution and containing amino acids.

IPC 8 full level

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Citation (search report)

See references of WO 2015154851A1

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