

Title (en)

COMPOSITION AND METHOD FOR THE CHROMIUM-FREE PRETREATMENT OF ALUMINIUM SURFACES

Title (de)

ZUSAMMENSETZUNG UND VERFAHREN ZUR CHROMFREIEN VORBEHANDLUNG VON ALUMINIUMOBERFLÄCHEN

Title (fr)

COMPOSITION ET PROCÉDÉ DE PRÉTRAITEMENT SANS CHROME DE SURFACES D'ALUMINIUM

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Application

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Priority

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Abstract (en)

[origin: WO2018095684A1] The present invention relates to an aqueous chromium-free composition for pre-treating aluminium surfaces, which contains at least one water-soluble phosphorus compound, at least one water-soluble zirconium compound, at least one water-soluble titanium compound and at least one water-soluble molybdenum compound, wherein the content of phosphorus compound is in the range of 15 to 50 mg/l (calculated as phosphorus), the content of zirconium compound is in the range of 400 to 600 mg/l (calculated as metal), the content of titanium compound is in the range of 85 to 400 mg/l (calculated as metal), and the content of molybdenum compound is in the range of 40 to 150 mg/l (calculated as metal). The invention also relates to a corresponding method and to a correspondingly pretreated component or strip.

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