

Title (en)

AQUEOUS DISPERSION FOR ACTIVATING A METAL SURFACE, AND METHOD FOR THE PHOSPHATISATION THEREOF

Title (de)

WÄSSRIGE DISPERSION ZUR AKTIVIERUNG EINER METALLOBERFLÄCHE UND VERFAHREN ZU DESSEN PHOSPHATIERUNG

Title (fr)

DISPERSION AQUEUSE POUR L'ACTIVATION D'UNE SURFACE MÉTALLIQUE ET SON PROCÉDÉ DE PHOSPHATATION

Publication

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Application

**EP 19728707 A 20190607**

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Abstract (en)

[origin: WO2019238573A1] The present invention relates to an aqueous dispersion as concentrate for the activation stage of a phosphatisation of metal surfaces, the dispersion containing a dispersed particulate constituent and a thickener, wherein the particulate constituent contains, in addition to dispersed inorganic compounds of polyvalent metal cations, polymeric organic compounds as dispersants, which are composed at least partially of styrene and/or an  $\alpha$ -olefin having no more than 5 carbon atoms and maleic acid, the anhydride and/or imide thereof, and which additionally comprise polyoxyalkylene units. The aqueous dispersion is also characterised by a D50 value above 10  $\mu$ m. The present invention also relates to a method for pre-treating the surfaces of a metallic material in order to protect them against corrosion, in particular a method for zinc phosphatisation.

IPC 8 full level

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Citation (search report)

See references of WO 2019238573A1

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