

Title (en)

CORROSION RESISTANCE PASSIVATION FORMULATION AND PROCESS OF PREPARATION THEREOF

Title (de)

KORROSIONSBESTÄNDIGE PASSIVIERUNGSFORMULIERUNG UND VERFAHREN ZU IHRER HERSTELLUNG

Title (fr)

FORMULATION DE PASSIVATION ANTICORROSION ET SON PROCÉDÉ DE PRÉPARATION

Publication

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Application

**EP 12756263 A 20120328**

Priority

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Abstract (en)

[origin: WO2012143934A2] The present invention provides a passivation formulation and a process for forming trivalent chromium-based passivation film on zinc and zinc alloys. The passivation film incorporates nano-ceramic particles resulting in higher corrosion resistance as compared to a trivalent chromium passivation film without nano-sized ceramic particles. The corrosion resistance of the coating is further enhanced by a topcoat or a sealant

IPC 8 full level

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Citation (search report)

See references of WO 2012143934A2

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