

Title (en)

PROCESS FOR PRODUCING AN ACTIVE CATHODIC ANTI-CORROSION COATING ON STEEL COMPONENTS

Title (de)

VERFAHREN ZUR HERSTELLUNG EINER AKTIVEN KATHODISCHEN KORROSIONSSCHUTZBESCHICHTUNG AUF BAUTEILEN AUS STAHL

Title (fr)

PROCÉDÉ DE FABRICATION D'UN REVÊTEMENT ACTIF, CATHODIQUE, ANTICORROSION SUR DES COMPOSANTS EN ACIER

Publication

**EP 2191030 A2 20100602 (DE)**

Application

**EP 08801131 A 20080812**

Priority

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Abstract (en)

[origin: WO2009021489A2] The invention relates to a process for producing an active anti-corrosion coating on steel components. In order to develop an active anti-corrosion coating which can be applied on an industrial scale using conventional means (e.g. dipping, spraying, flooding) and is intended for hot-formed and in particular press-hardened steel parts provided with anti-scaling means, the invention proposes a process comprising the following process steps: a. using a steel element provided with an anti-scaling layer, b. annealing the steel element at a temperature above 600°C in an annealing furnace for the purpose of hardening, semi-hot or hot forming or press-hardening, in which case a reaction layer is produced, and c. applying an anti-corrosion coating to the annealed reaction layer.

IPC 8 full level

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Citation (search report)

See references of WO 2009021489A2

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