

Title (en)

Process for improving the corrosion resistance of nitrocarbonized steel components.

Title (de)

Verfahren zur Verbesserung der Korrosionsbeständigkeit nitrocarburierter Bauteile aus Eisenwerkstoffen.

Title (fr)

Procédé d'amélioration de la résistance à la corrosion d'objets en acier nitrocarburisé.

Publication

EP 0472957 B1 19951011 (DE)

Application

EP 91113185 A 19910806

Priority

DE 4027011 A 19900827

Abstract (en)

[origin: EP0472957A1] To improve the corrosion resistance, nitrocarburised components of ferrous materials are, after an oxidation treatment, dipped into a solution of a curable synthetic resin and heat-treated at 80 to 200 DEG C.

IPC 1-7

C23C 8/80

IPC 8 full level

B05D 1/18 (2006.01); **B05D 3/02** (2006.01); **B32B 15/08** (2006.01); **C23C 8/80** (2006.01); **C23F 15/00** (2006.01)

CPC (source: EP US)

C23C 8/80 (2013.01 - EP US)

Citation (examination)

Technology of Paints, Varnishes and Lacquers; Seiten 46, 71, 124, 125

Cited by

FR2925524A1; DE102007060085B4; DE102007060085A1; DE102006054280A1; DE102006054280B4

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AT CH DE ES FR GB IT LI NL SE

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EP 91113185 A 19910806; AT 91113185 T 19910806; BR 9103660 A 19910826; CA 2049829 A 19910826; DE 4027011 A 19900827; DE 59106662 T 19910806; ES 91113185 T 19910806; HK 31297 A 19970313; JP 21333391 A 19910826; US 74642791 A 19910816