

Title (en)  
METHOD FOR TREATING FERROUS ALLOY PARTS IN ORDER TO IMPROVE THE RUBBING PROPERTIES THEREOF WITHOUT CAUSING  
HARDNESS LOSS OR DEFORMATION

Title (de)  
VERFAHREN ZUR BEHANDLUNG VON TEILEN AUS EISENLEGIERUNG ZUR VERBESSERUNG DER REIBEIGENSCHAFTEN OHNE  
VERURSACHUNG VON HÄRTEVERLUST ODER VERFORMUNG

Title (fr)  
PROCEDE DE TRAITEMENT DE PIECES EN ALLIAGE FERREUX POUR AMELIORER LEURS PROPRIETES FROTTANTES, SANS PERTE DE  
LEUR DURETE NI DEFORMATION

Publication  
**EP 1386018 B1 20100519 (FR)**

Application  
**EP 02727644 A 20020328**

Priority  
• FR 0201091 W 20020328  
• FR 0104580 A 20010404

Abstract (en)  
[origin: US7172794B2] A method for obtaining a ferrous alloy part that supports a very high seizure load with very low dispersion includes steps of covering the part with an iron sulphide coating having an appropriate thickness and Fe/S ratio, where the coating is selected from among those with surfaces having a fractal dimension that is at least equal to 2.6.

IPC 8 full level  
**C23C 14/06** (2006.01); **C25D 15/02** (2006.01); **C23C 16/30** (2006.01); **C23C 22/68** (2006.01); **C25D 9/04** (2006.01)

CPC (source: EP US)  
**C25D 9/04** (2013.01 - EP US); **Y10T 428/12958** (2015.01 - EP US); **Y10T 428/265** (2015.01 - EP US)

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)  
**WO 02081769 A2 20021017; WO 02081769 A3 20021212**; AT E468419 T1 20100615; AU 2002257854 A1 20021021; CA 2443005 A1 20021017; CA 2443005 C 20090203; DE 60236425 D1 20100701; EP 1386018 A2 20040204; EP 1386018 B1 20100519; ES 2344832 T3 20100908; FR 2823227 A1 20021011; FR 2823227 B1 20040402; JP 2004526059 A 20040826; JP 4545376 B2 20100915; MY 137691 A 20090227; TW I275664 B 20070311; US 2004146753 A1 20040729; US 7172794 B2 20070206

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**FR 0201091 W 20020328**; AT 02727644 T 20020328; AU 2002257854 A 20020328; CA 2443005 A 20020328; DE 60236425 T 20020328; EP 02727644 A 20020328; ES 02727644 T 20020328; FR 0104580 A 20010404; JP 2002579528 A 20020328; MY PI20021200 A 20020402; TW 91106772 A 20020403; US 47418704 A 20040315