

Title (en)

Coating for parts rubbing by rotation of a martensitic steel article.

Title (de)

Beschichtung für Bereiche eines durch Drehung reibenden Teils aus Martensit-Stahl.

Title (fr)

Revêtement pour parties frottantes par rotation d'une pièce en acier martensitique.

Publication

EP 0592310 B1 19950906 (FR)

Application

EP 93402458 A 19931006

Priority

FR 9212021 A 19921009

Abstract (en)

[origin: EP0592310A1] Surface coating (6) on a martensite steel for parts rubbing in rotation, characterised in that it comprises an NiMo matrix (9) in which are embedded particles of Cr₃C₂, 90 % by weight of which consist of particles (8) of 10 to 30 μ m. Coating with low friction coefficient and good adhesiveness. <IMAGE>

IPC 1-7

C23C 30/00; **C23C 4/06**

IPC 8 full level

C23C 24/08 (2006.01); **C23C 4/06** (2006.01)

CPC (source: EP US)

C23C 4/06 (2013.01 - EP US); **Y10T 428/12056** (2015.01 - EP US)

Cited by

US5897947A; DE19630149A1; DE19630149C2

Designated contracting state (EPC)

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EP 0592310 A1 19940413; **EP 0592310 B1 19950906**; DE 69300449 D1 19951012; DE 69300449 T2 19960222; FR 2696760 A1 19940415; FR 2696760 B1 19941104; JP H06212448 A 19940802; US 5449562 A 19950912

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EP 93402458 A 19931006; DE 69300449 T 19931006; FR 9212021 A 19921009; JP 25297993 A 19931008; US 13195093 A 19931008