

Title (en)

PROCESS FOR ELECTROLYTICALLY CODEPOSITING A NICKEL-COBALT MATRIX WITH CERAMIC PARTICLES, AND COATING THUS OBTAINED

Publication

**EP 0297982 B1 19921216 (FR)**

Application

**EP 88401677 A 19880630**

Priority

FR 8709289 A 19870701

Abstract (en)

[origin: EP0297982A1] A process for protection against the oxidation and the erosion by friction of components subjected in operation to temperatures below 600 DEG , according to which there is deposited by electrolysis on the component to be protected a nickel cobalt coating containing a uniform dispersion of ceramic particles chosen from the group of carbides and oxides, especially SiC, Al<sub>2</sub>O<sub>3</sub>, Cr<sub>2</sub>O<sub>3</sub>, the mass content of the ceramic particles being between 3.5% and 10%. <??>These coatings improve the friction behaviour of the materials as heterogeneous pairs.

IPC 1-7

**C25D 15/02**

IPC 8 full level

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CPC (source: EP US)

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Cited by

EP2647740A1; FR2988629A1; DE10251902A1; DE10251902B4; FR2915495A1; EP1990446A1; US8356936B2; WO2007036538A3

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**EP 0297982 A1 19890104; EP 0297982 B1 19921216**; CA 1319638 C 19930629; CN 1031118 A 19890215; CN 1042046 C 19990210; DE 3876698 D1 19930128; DE 3876698 T2 19930527; ES 2036699 T3 19930601; FR 2617510 A1 19890106; FR 2617510 B1 19910607; IL 86957 A0 19881230; IL 86957 A 19920525; JP H0819557 B2 19960228; JP S6436797 A 19890207; US 4886583 A 19891212

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