

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, Al₂O₃, Cr₂O₃, 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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