

Title (en)
ELECTRODEPOSITED COMPOSITE COATING

Publication
EP 0132494 B1 19880120 (DE)

Application
EP 84102203 A 19840301

Priority
DE 3327346 A 19830729

Abstract (en)
[origin: US4598016A] A wear and tear protection is achieved by a galvanically deposited coating on at least one of two structural components cooperating in a wear zone. The coating is a dispersion layer having a cobalt matrix and chromic oxide (Cr₂O₃) particles embedded in the cobalt matrix. The protective layer is produced with the aid of an electrolytic dispersion bath in which the chromic oxide particles are dispersed.

IPC 1-7
C25D 15/02

IPC 8 full level
C25D 15/02 (2006.01)

CPC (source: EP US)
C25D 15/02 (2013.01 - EP US); **Y10T 428/256** (2015.01 - EP US); **Y10T 428/265** (2015.01 - EP US)

Designated contracting state (EPC)
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EP 0132494 A2 19850213; EP 0132494 A3 19850403; EP 0132494 B1 19880120; AT E32108 T1 19880215; DE 3327346 A1 19850214; DE 3327346 C2 19860327; DE 3468909 D1 19880225; JP S6039200 A 19850228; JP S6362598 B2 19881202; US 4598016 A 19860701; US 4599148 A 19860708

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EP 84102203 A 19840301; AT 84102203 T 19840301; DE 3327346 A 19830729; DE 3468909 T 19840301; JP 2207784 A 19840210; US 59285184 A 19840323; US 78875585 A 19851018