

Title (en)

Electrodeposited composite coating.

Title (de)

Galvanisch abgeschiedene Dispersionsschicht.

Title (fr)

Revêtement électrolytique composite.

Publication

**EP 0132494 A2 19850213 (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 (Cr<sub>2</sub>O<sub>3</sub>) 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.

Abstract (de)

Galvanisch abgeschiedene Dispersionsschicht mit einer Kobaltmatrix und einer nichtmetallischen dispersen Phase aus Cr<sub>2</sub>O<sub>3</sub>-Partikeln, Verfahren zu ihrer Herstellung und damit beschichtete Bauteilpaarung.

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)

AT BE CH DE FR GB IT LI NL SE

DOCDB simple family (publication)

**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

DOCDB simple family (application)

**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