

Title (en)

Method of electroplating wear-resistant coating

Title (de)

Verfahren zur galvanischen Herstellung einer Verschleißschutzbeschichtung

Title (fr)

Procédé de fabrication d'un revêtement anti-usure

Publication

EP 2851455 B1 20190313 (DE)

Application

EP 14179103 A 20140730

Priority

DE 102013218687 A 20130918

Abstract (en)

[origin: US2015075327A1] Disclosed is process for producing a wear-resistant coating on a component. The process comprises providing an electrolyte which contains Co and/or Ni, dispersing first particles comprising hard material particles and/or slip material particles in the electrolyte, dispersing second particles comprising metal alloy particles in which the metal alloy comprises chromium and aluminum in the electrolyte, providing a component to be coated in a bath of the electrolyte which has first and second particles dispersed therein, and electrodepositing a matrix of Co and/or Ni with incorporated first and second particles on the component. A correspondingly produced wear-resistant coating is also disclosed.

IPC 8 full level

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CPC (source: EP US)

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Citation (examination)

- US 2007227299 A1 20071004 - MARCHIANDO ROBERT [US], et al
- US 2012099971 A1 20120426 - BINTZ MATTHEW E [US], et al

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CN110396710A; DE102016221871A1

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DOCDB simple family (publication)

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