

Title (en)

TRIBOLOGICALLY LOADABLE MIXED NOBLE METAL/METAL LAYERS

Title (de)

TRIBOLOGISCH BELASTBARE EDELMETALL/METALLSCHICHTEN

Title (fr)

COUCHES DE MÉTAL NOBLE/MÉTAL POUVANT SUBIR DES CONTRAINTES TRIBOLOGIQUES

Publication

EP 2588644 B1 20140618 (DE)

Application

EP 11738647 A 20110630

Priority

- DE 102010025683 A 20100630
- EP 2011061070 W 20110630

Abstract (en)

[origin: WO2012001132A1] The invention relates to a method for producing a mixed noble metal/metal layer that has particularly advantageous tribological properties, having the following steps: preparing a bath for the electroless deposition of a metal layer, said bath additionally containing at least one type of noble metal ions; introducing a substrate into the bath; and applying an electric voltage.

IPC 8 full level

C23C 18/16 (2006.01); **C23C 18/48** (2006.01); **C23C 18/50** (2006.01); **C25D 3/56** (2006.01); **C25D 3/64** (2006.01); **C25D 5/00** (2006.01)

CPC (source: EP)

C23C 18/1653 (2013.01); **C23C 18/1671** (2013.01); **C23C 18/1689** (2013.01); **C23C 18/50** (2013.01); **C25D 3/64** (2013.01)

Cited by

DE102013021502A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

WO 2012001132 A1 20120105; EP 2588644 A1 20130508; EP 2588644 B1 20140618

DOCDB simple family (application)

EP 2011061070 W 20110630; EP 11738647 A 20110630