

Title (en)

Galvanic method for depositing a charcoal grey coating and metal parts with such a coating

Title (de)

Galvanisches Beschichtungsverfahren zur Aufbringung einer anthrazitfarbenen Beschichtung und mit dieser Beschichtung versehene Metallteile

Title (fr)

Procédé galvanique de dépôt d'un revêtement de couleur anthracite et pièces métalliques munies d'un tel revêtement

Publication

EP 2230331 B1 20111026 (FR)

Application

EP 09155762 A 20090320

Priority

EP 09155762 A 20090320

Abstract (en)

[origin: EP2230331A1] The galvanic process of deposition of an anthracite color coating for metal parts, comprises initially depositing a gold-nickel alloy on the metal parts using an electrolytic bath, and processing the gold-nickel alloy using a diluted acid bath. The acid bath is diluted using 1-50 ml/l of concentrated acid, and contains a wetting product. An independent claim is included for metal parts with an anthracite color coating.

IPC 8 full level

C25D 3/62 (2006.01); **C25D 5/48** (2006.01); **C25D 5/52** (2006.01)

CPC (source: EP US)

C25D 3/62 (2013.01 - EP US); **C25D 5/48** (2013.01 - EP US); **C25D 5/52** (2013.01 - EP US); **Y10S 428/935** (2013.01 - EP US); **Y10T 428/12493** (2015.01 - EP US); **Y10T 428/12889** (2015.01 - EP US)

Designated contracting state (EPC)

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 SE SI SK TR

DOCDB simple family (publication)

EP 2230331 A1 20100922; **EP 2230331 B1 20111026**; AT E530680 T1 20111115; CN 101838829 A 20100922; CN 101838829 B 20140507; JP 2010222704 A 20101007; JP 5331038 B2 20131030; US 2010239881 A1 20100923; US 8226810 B2 20120724

DOCDB simple family (application)

EP 09155762 A 20090320; AT 09155762 T 20090320; CN 201010139401 A 20100319; JP 2010057010 A 20100315; US 72709510 A 20100318