

Title (en)

ELECTROPLATED PRODUCT AND METHOD FOR PREPARING SUCH PRODUCTS WITH A HIGH TEMPERATURE TREATMENT

Title (de)

ELEKTROPLATTIERTES PRODUKT UND VERFAHREN ZUR HERSTELLUNG SOLCHER PRODUKTE MIT EINER HOCHTEMPERATURBEHANDLUNG

Title (fr)

PRODUIT ÉLECTROPLAQUÉ ET PROCÉDÉ DE PRÉPARATION DE TELS PRODUITS PAR TRAITEMENT À HAUTE TEMPÉRATURE

Publication

EP 3964609 A1 20220309 (EN)

Application

EP 21193623 A 20210827

Priority

EP 20193421 A 20200828

Abstract (en)

The present invention refers to a method for preparing an electroplated product by applying different steps, i.a. a heat treatment step, to obtain a product that is resistant to the white haze effect. Moreover, the invention refers to such electroplated products.

IPC 8 full level

C25D 3/22 (2006.01); **C23C 22/06** (2006.01); **C23C 22/82** (2006.01); **C23C 22/83** (2006.01); **C25D 3/56** (2006.01); **C25D 5/48** (2006.01); **C25D 5/50** (2006.01)

CPC (source: EP)

C23C 22/50 (2013.01); **C23C 22/74** (2013.01); **C25D 3/22** (2013.01); **C25D 3/562** (2013.01); **C25D 3/565** (2013.01); **C25D 5/48** (2013.01); **C25D 5/50** (2013.01); **C23C 2222/10** (2013.01)

Citation (applicant)

- US 9567453 B2 20170214 - INOUE MANABU [JP], et al
- JP 2008255408 A 20081023 - OKUNO CHEM IND CO, et al
- WO 2015036124 A1 20150319 - HILLEBRAND CHEMICALS GMBH [DE]
- US 9499700 B2 20161122 - ISHIKAWA SHUSAKU [JP], et al
- WO 2011000969 A1 20110106 - ATOTECH DEUTSCHLAND GMBH [DE], et al
- WO 2005073438 A1 20050811 - COVENTYA SAS [FR], et al

Citation (search report)

- [X] EP 1484432 A1 20041208 - DIPSOL CHEM [JP]
- [X] EP 3040447 A1 20160706 - DIPSOL CHEM [JP], et al
- [X] EP 3040446 A1 20160706 - HONDA MOTOR CO LTD [JP], et al

Cited by

EP4239100A1

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 3964609 A1 20220309

DOCDB simple family (application)

EP 21193623 A 20210827