

Title (en)

BATH FOR ELECTROCHEMICALLY DEPOSITING HIGHLY LUSTROUS WHITE RHODIUM COATINGS AND WHITENING AGENT FOR THE SAME

Title (de)

BAD ZUR GALVANISCHEN ABSCHIEDUNG VON HOCHGLÄNZENDEN WEISSEN RHODIUMSCHICHTEN UND WEISSMACHER HIERFÜR

Title (fr)

BAIN DE DEPOT GALVANIQUE DE COUCHES DE RHODIUM BLANCS BRILLANTS ET AGENT DE BLANCHIMENT POUR CEUX-CI

Publication

EP 1244827 B1 20060419 (DE)

Application

EP 00990767 A 20001215

Priority

- DE 19962839 A 19991223
- EP 0012796 W 20001215

Abstract (en)

[origin: WO0148273A1] The invention relates to a bath for electrochemically depositing highly lustrous white rhodium layers and to a whitening agent for the same. Compounds of formula IR - SOM-H (I), wherein m is a number 3 or 4 and R is a straight-chained or branched or cyclic alkyl group with up to 20 C-atoms are used as whiteners, with the result that the brightness or degree of whiteness of the deposited coatings is significantly increased. The thickness of layer that can be deposited without a bloom is also significantly increased.

IPC 8 full level

C25D 3/52 (2006.01); **B01F 3/04** (2006.01); **B01F 5/04** (2006.01)

CPC (source: EP US)

B01F 23/23611 (2022.01 - EP US); **B01F 23/23761** (2022.01 - EP); **B01F 25/313** (2022.01 - EP US); **C25D 3/52** (2013.01 - EP US); **B01F 23/23761** (2022.01 - US)

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

WO 0148273 A1 20010705; AT E323789 T1 20060515; CN 1181226 C 20041222; CN 1420948 A 20030528; DE 50012619 D1 20060524; EP 1244827 A1 20021002; EP 1244827 B1 20060419; HK 1054057 A1 20031114; HK 1054057 B 20050729; JP 2003518559 A 20030610; JP 4545367 B2 20100915; TW 573074 B 20040121; US 2003111352 A1 20030619; US 6878411 B2 20050412

DOCDB simple family (application)

EP 0012796 W 20001215; AT 00990767 T 20001215; CN 00817449 A 20001215; DE 50012619 T 20001215; EP 00990767 A 20001215; HK 03106397 A 20030909; JP 2001548777 A 20001215; TW 89127581 A 20001221; US 16824102 A 20021014