

Title (en)  
Greyish chromium surface

Title (de)  
Graustichige Chromoberflächen

Title (fr)  
Surface chromée grisâtre

Publication  
**EP 1918425 A1 20080507 (DE)**

Application  
**EP 06122808 A 20061024**

Priority  
EP 06122808 A 20061024

Abstract (en)  
Chromium plating of surfaces to render a silvery grey-white metallic finish or titanium-look comprises chrome plating of a metallic surface and black chrome plating of the chrome-plated metallic surface.

Abstract (de)  
Die Erfindung betrifft ein Verfahren zum graustichigen Verchromen mit einer Kombination aus einem Verchromungsschritt und einem Schwarzverchromungsschritt.

IPC 8 full level  
**C25D 3/08** (2006.01); **C25D 3/06** (2006.01); **C25D 5/10** (2006.01); **C25D 5/14** (2006.01); **C25D 5/34** (2006.01); **C25D 5/56** (2006.01); **C25D 11/38** (2006.01)

CPC (source: EP US)  
**C25D 3/06** (2013.01 - EP); **C25D 3/08** (2013.01 - EP US); **C25D 5/14** (2013.01 - EP US); **C25D 5/34** (2013.01 - EP); **C25D 5/56** (2013.01 - EP); **C25D 5/605** (2020.08 - EP US); **C25D 5/611** (2020.08 - EP US); **C25D 5/627** (2020.08 - EP US); **C25D 11/38** (2013.01 - EP); **C25D 5/36** (2013.01 - EP); **C25D 5/42** (2013.01 - EP)

Citation (search report)

- [X] EP 0761844 A1 19970312 - SANTINI MARCO [DE]
- [X] US 2623847 A 19521230 - GILBERT LLOYD O, et al
- [X] US 2542994 A 19510227 - COBB HAROLD W
- [X] US 3642587 A 19720215 - ALLEN WILLIAM S, et al
- [X] US 3616303 A 19711026 - CARTER WILLIAM A JR
- [X] US 3838024 A 19740924 - AUSTIN L, et al
- [X] US 5168015 A 19921201 - SHIMIZU NOBUYOSHI [JP], et al
- [X] US 3532608 A 19701006 - SERRA GUY
- [A] US 3766023 A 19731016 - HART A
- [A] US 3723261 A 19730327 - BYERS R, et al

Cited by  
EP2157212A3; EP2108716A3; DE102012008544A1; WO2013164165A1

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA HR MK RS

DOCDB simple family (publication)  
**EP 1918425 A1 20080507**; **EP 1918425 B1 20110427**; AT E507328 T1 20110515; DE 502006009403 D1 20110609; EP 1995355 A1 20081126

DOCDB simple family (application)  
**EP 06122808 A 20061024**; AT 06122808 T 20061024; DE 502006009403 T 20061024; EP 08014210 A 20061024