

Title (en)  
ELECTROPLATING BATH FOR DEPOSITING A BLACK CHROMIUM LAYER AND METHOD FOR ELECTROPLATING A BLACK CHROMIUM LAYER ON A SUBSTRATE

Title (de)  
ELEKTROPLATTIERUNGSBAD ZUR ABSCHIEDUNG EINER SCHWARZEN CHROMSCHICHT UND VERFAHREN ZUR ELEKTROPLATTIERUNG EINER SCHWARZEN CHROMSCHICHT AUF EINEM SUBSTRAT

Title (fr)  
BAIN D'ÉLECTRODÉPOSITION POUR LE DÉPÔT D'UNE COUCHE DE CHROME NOIR ET PROCÉDÉ D'ÉLECTRODÉPOSITION D'UNE COUCHE DE CHROME NOIR SUR UN SUBSTRAT

Publication  
**EP 4259852 A1 20231018 (EN)**

Application  
**EP 21819528 A 20211210**

Priority  
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Abstract (en)  
[origin: WO2022123012A1] The present invention relates to a very specific electroplating bath for depositing a black chromium layer, and a respective method for electroplating such a layer. The electroplating bath comprises two specific groups of compounds defined as (D) and (E), present in a particularly defined molar ratio ranging from 0.9 to 2.65, based on (E) : (D). The black chromium layer is excellently suited for decorative purposes.

IPC 8 full level  
**C25D 3/06** (2006.01); **C25D 3/08** (2006.01); **C25D 3/10** (2006.01); **C25D 5/50** (2006.01)

CPC (source: EP US)  
**C25D 3/06** (2013.01 - EP); **C25D 3/08** (2013.01 - EP US); **C25D 3/10** (2013.01 - EP US); **C25D 5/50** (2013.01 - EP US)

Citation (search report)  
See references of WO 2022123012A1

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