

Title (en)
PROCESS FOR GALVANIC ELECTRODEPOSITION AND ASSOCIATED GALVANIC BATH

Title (de)
VERFAHREN ZUR GALVANISCHEN ABSCHIEDUNG UND ZUGEHÖRIGES GALVANISCHES BAD

Title (fr)
PROCÉDÉ D'ÉLECTRODÉPOSITION GALVANIQUE ET BAIN GALVANIQUE ASSOCIÉ

Publication
EP 4298270 A1 20240103 (EN)

Application
EP 21716861 A 20210223

Priority
IT 2021000006 W 20210223

Abstract (en)
[origin: WO2022180650A1] A galvanic electrodeposition process, comprising a step of coating with a layer of yellow gold alloy at least one object immersed in a galvanic bath which comprises an aqueous solution. The aqueous solution comprises at least: - gold in a quantity comprised between 1 gram and 10 grams per liter of solution, in the form of alkaline cyanide, - copper in a quantity comprised between 30 grams and 70 grams per liter of solution, in the form of an alkaline cyanide compound, - indium in a quantity comprised between 100 milligrams and 2 grams per liter of solution, in the form of a soluble compound, - zinc in a quantity comprised between 100 milligrams and 2 grams per liter of solution, in the form of a soluble compound.

IPC 8 full level
C25D 3/56 (2006.01); **C22C 5/02** (2006.01); **C25D 1/02** (2006.01); **C25D 3/58** (2006.01); **C25D 3/62** (2006.01); **C25D 7/00** (2006.01)

CPC (source: EP)
C22C 5/02 (2013.01); **C25D 1/02** (2013.01); **C25D 3/58** (2013.01); **C25D 3/62** (2013.01); **C25D 7/005** (2013.01)

Citation (examination)

- EP 1983077 B1 20161228 - ENTHONE [US]
- US 4687557 A 19870818 - EMMENEGGER HEINZ [CH]
- CH 662583 A5 19871015 - EMMENEGGER HEINZ
- US 5085744 A 19920204 - BRASCH WILLIAM R [US]
- See also references of WO 2022180650A1

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

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
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