

Title (en)

ELECTROPLATING DEVICE AND PROCESS FOR DEPOSITING NICKEL ALLOYS WITH A SOLID REPLENISHER

Title (de)

VORRICHTUNG UND VERFAHREN ZUR ELEKTROLYTISCHEN ABSCHIEDUNG VON NICKELLEGIERUNGEN MIT EINEM FESTEN NACHFÜLLER

Title (fr)

DISPOSITIF ET PROCÉDÉ DE DÉPÔT ÉLECTROLYTIQUE D'ALLIAGES DE NICKEL AVEC UN RÉGÉNÉRATEUR SOLIDE

Publication

EP 4067539 A1 20221005 (EN)

Application

EP 21166236 A 20210331

Priority

EP 21166236 A 20210331

Abstract (en)

The present invention refers to an electroplating device for depositing nickel alloys and a process for depositing nickel alloys on a substrate with a solid replenisher.

IPC 8 full level

C25D 3/56 (2006.01); **C25D 21/14** (2006.01); **C25D 21/18** (2006.01)

CPC (source: EP)

C25D 3/562 (2013.01); **C25D 3/565** (2013.01); **C25D 21/14** (2013.01); **C25D 21/18** (2013.01)

Citation (applicant)

- JP 2012246554 A 20121213 - NIPPON HYOMEN KAGAKU KK
- US 4428802 A 19840131 - KANAI MASAO [JP], et al

Citation (search report)

- [XD] JP 2012246554 A 20121213 - NIPPON HYOMEN KAGAKU KK
- [A] JP 2013151729 A 20130808 - NIPPON HYOMEN KAGAKU KK
- [A] JP H05320997 A 19931207 - NIPPON KOKAN KK

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 4067539 A1 20221005

DOCDB simple family (application)

EP 21166236 A 20210331