

Title (en)

ELECTROPLATING APPARATUS FOR PREVENTING EXCESSIVE PLATING OF EDGE

Title (de)

ELEKTROPLATTIERUNGSVORRICHTUNG ZUR VERHINDERUNG DER ÜBERMÄSSIGEN PLATTIERUNG EINER KANTE

Title (fr)

APPAREIL D'ÉLECTROPLAQUAGE POUR EMPÊCHER LE PLAQUAGE EXCESSIF D'UN BORD

Publication

**EP 2985367 A4 20161228 (EN)**

Application

**EP 13881849 A 20131212**

Priority

- KR 20130038912 A 20130410
- KR 2013011554 W 20131212

Abstract (en)

[origin: EP2985367A1] An electroplating device for preventing the excessive plating of an edge, and the electroplating device for plating a steel plate between anodes which are formed at a predetermined distance from each other with respect to the center of the steel plate. A cathode edge mask is provided in the proximity of the edge part of a steel plate and blocking the edge part and an anode from being applied with an electric current. Anode edge masks are respectively provided to the upper and lower portions of the cathode edge mask at a distance from each other and blocking the edge part and anodes from being applied with an electric current.

IPC 8 full level

**C25D 17/00** (2006.01)

CPC (source: EP KR US)

**C25D 3/00** (2013.01 - KR); **C25D 17/00** (2013.01 - KR); **C25D 17/008** (2013.01 - EP US); **C25D 17/06** (2013.01 - US); **C25D 17/10** (2013.01 - US)

Citation (search report)

- [XYI] US 6217736 B1 20010417 - KOPP LORENZ [DE], et al
- [Y] JP 2004315922 A 20041111 - NIPPON STEEL CORP
- [A] CN 202509143 U 20121031 - ALLIED ADVANCED MATERIAL CO LTD
- See references of WO 2014168314A1

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

DOCDB simple family (publication)

**EP 2985367 A1 20160217**; **EP 2985367 A4 20161228**; CN 105189830 A 20151223; CN 105189830 B 20180306; JP 2016513752 A 20160516; JP 6089125 B2 20170301; KR 101495419 B1 20150224; KR 20140122768 A 20141021; US 2016076166 A1 20160317; WO 2014168314 A1 20141016

DOCDB simple family (application)

**EP 13881849 A 20131212**; CN 201380074786 A 20131212; JP 2015562897 A 20131212; KR 20130038912 A 20130410; KR 2013011554 W 20131212; US 201314783836 A 20131212