Title (en)

ELECTRODE FOR ELECTROLYSIS, ELECTROLYTIC CELL, ELECTRODE LAMINATE AND METHOD FOR RENEWING ELECTRODE

Title (de)

ELEKTRODE FÜR ELEKTROLYSE, ELEKTROLYTISCHE ZELLE, ELEKTRODENLAMINAT UND VERFAHREN ZUR ERNEUERUNG DER ELEKTRODE

Title (fr)

ÉLECTRODE POUR ÉLECTROLYSE, CELLULE ÉLECTROLYTIQUE, STRATIFIÉ D'ÉLECTRODE ET PROCÉDÉ DE RENOUVELLEMENT D'ÉLECTRODE

Publication

EP 3569740 A4 20200408 (EN)

Application

EP 17891083 A 20171228

Priority

- JP 2017004383 A 20170113
- JP 2017047365 W 20171228

Abstract (en)

[origin: EP3569740A1] An electrode for electrolysis includinga conductive substrate formed of a porous metal plate, andat least one catalyst layer formed on a surface of the conductive substrate, whereinthe electrode for electrolysis has a thickness of more than 0.5 mm and 1.2 mm or less; andvalue C, which is obtained by dividing sum B of perimeters of openings of the electrode for electrolysis by opening ratio A of the electrode for electrolysis, is more than 2 and 5 or less.

IPC 8 full level

C25B 1/46 (2006.01); **C25B 9/19** (2021.01); **C25B 9/23** (2021.01)

CPC (source: EP KR US)

C25B 1/46 (2013.01 - EP KR); **C25B 9/19** (2021.01 - EP KR); **C25B 11/03** (2013.01 - EP); **C25B 11/031** (2021.01 - KR US); **C25B 11/051** (2021.01 - EP KR US)

Citation (search report)

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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 3569740 A1 20191120; **EP 3569740 A4 20200408**; BR 112019013822 A2 20200121; CN 110023541 A 20190716; CN 110023541 B 20220208; CN 114351178 A 20220415; JP 2021008672 A 20210128; JP 6778459 B2 20201104; JP 6956842 B2 20211102; JP WO2018131519 A1 20191107; KR 102349667 B1 20220112; KR 102422917 B1 20220721; KR 20190088067 A 20190725; KR 20210044912 A 20210423; TW 201829847 A 20180816; TW I666343 B 20190721; US 2019360112 A1 20191128; WO 2018131519 A1 20180719

DOCDB simple family (application)

EP 17891083 A 20171228; BR 112019013822 A 20171228; CN 201780073743 A 20171228; CN 202210045889 A 20171228; JP 2017047365 W 20171228; JP 2018561333 A 20171228; JP 2020170207 A 20201008; KR 20197019742 A 20171228; KR 20217011243 A 20171228; TW 107101251 A 20180112; US 201716477343 A 20171228