

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 including a conductive substrate formed of a porous metal plate, and at least one catalyst layer formed on a surface of the conductive substrate, wherein the electrode for electrolysis has a thickness of more than 0.5 mm and 1.2 mm or less; and value 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)

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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