Title (en)

METHOD FOR THE MEMBRANE ELECTROLYSIS OF ALKALI CHLORIDE SOLUTIONS WITH GAS DIFFUSION ELECTRODE

Title (de)

VERFAHREN ZUR MEMBRAN-ELEKTROLYSE VON ALKALICHLORIDLÖSUNGEN MIT GASDIFFUSIONSELEKTRODE

Title (fr)

PROCÉDÉ D'ÉLECTROLYSE À MEMBRANE DE SOLUTIONS DE CHLORURE ALCALIN À L'AIDE D'UNE ÉLECTRODE À DIFFUSION GAZEUSE

Publication

EP 3670706 A1 20200624 (DE)

Application

EP 18213272 A 20181218

Priority

EP 18213272 A 20181218

Abstract (en)

[origin: WO2020127021A2] The invention relates to processes for the electrolysis of alkali chlorides by means of oxygen-depolarized electrodes, said processes having specific operating parameters for shut-down and restarting.

Abstract (de)

Es werden Verfahren zur Elektrolyse von Alkalichloriden mit Sauerstoffverzehrelektroden mit besonderen Betriebsparameter für die Außerbetriebnahme und Wiederinbetriebnahme beschrieben.

IPC 8 full level

C25B 1/46 (2006.01); **C25B 9/19** (2021.01); **C25B 15/00** (2006.01)

CPC (source: EP KR US)

C25B 1/46 (2013.01 - EP KR US); **C25B 9/19** (2021.01 - EP KR US); **C25B 9/65** (2021.01 - KR US); **C25B 11/032** (2021.01 - KR US); **C25B 11/081** (2021.01 - KR US); **C25B 13/00** (2013.01 - KR US); **C25B 15/00** (2013.01 - EP); **C25B 15/027** (2021.01 - KR US); **C25B 15/031** (2021.01 - EP KR US)

Citation (applicant)

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Citation (search report)

- [I] EP 2639338 A2 20130918 - BAYER IP GMBH [DE]
- [I] EP 2639339 A2 20130918 - BAYER IP GMBH [DE]
- [ID] EP 2639337 A2 20130918 - BAYER IP GMBH [DE]
- [A] JP S558413 A 19800122 - TOA GOSEI CHEM IND

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 3670706 A1 20200624; **EP 3670706 B1 20240221**; CN 113166952 A 20210723; CN 113166952 B 20230523; EP 3899101 A2 20211027; JP 2022510916 A 20220128; KR 20210103482 A 20210823; US 2022056594 A1 20220224; WO 2020127021 A2 20200625; WO 2020127021 A3 20200820

DOCDB simple family (application)

EP 18213272 A 20181218; CN 201980084342 A 20191216; EP 19818094 A 20191216; EP 2019085312 W 20191216; JP 2021530211 A 20191216; KR 20217018329 A 20191216; US 201917413544 A 20191216