

Title (en)

ETHYLENE-SELECTIVE ELECTRODE WITH A MIXED VALENCE CU<sub>4</sub>O<sub>3</sub> CATALYST

Title (de)

ETHYLENSELEKTIVE ELEKTRODE MIT MISCHVALENZ-CU<sub>4</sub>O<sub>3</sub>-KATALYSATOR

Title (fr)

ÉLECTRODE À SÉLECTIVITÉ POUR L'ÉTHYLÈNE COMPRENANT UN CATALYSEUR CU<sub>4</sub>O<sub>3</sub> À VALENCE MIXTE

Publication

**EP 3673099 A1 20200701 (DE)**

Application

**EP 18793627 A 20181019**

Priority

- DE 102017220450 A 20171116
- EP 2018078704 W 20181019

Abstract (en)

[origin: WO2019096540A1] The invention relates to an electrode comprising Cu<sub>4</sub>O<sub>3</sub>, a method for producing an electrode of this type, an electrolytic cell comprising an electrode of this type, and a method for electrochemically converting carbon dioxide using such an electrode.

IPC 8 full level

**C25B 3/25** (2021.01)

CPC (source: EP US)

**C23C 24/02** (2013.01 - US); **C25B 3/25** (2021.01 - EP US); **C25B 9/23** (2021.01 - US); **C25B 11/031** (2021.01 - EP US); **C25B 11/032** (2021.01 - US); **C25B 11/04** (2013.01 - EP); **C25B 11/054** (2021.01 - US); **C25B 11/065** (2021.01 - US); **C25B 11/077** (2021.01 - EP US); **C25B 11/093** (2021.01 - US); **C25B 13/00** (2013.01 - US)

Citation (search report)

See references of WO 2019096540A1

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)

**DE 102018212409 A1 20190516**; AU 2018367216 A1 20200702; AU 2018369463 A1 20200702; CN 111373076 A 20200703; CN 111433392 A 20200717; EP 3658703 A1 20200603; EP 3673099 A1 20200701; US 11846031 B2 20231219; US 2020385877 A1 20201210; US 2021172079 A1 20210610; WO 2019096540 A1 20190523; WO 2019096985 A1 20190523

DOCDB simple family (application)

**DE 102018212409 A 20180725**; AU 2018367216 A 20181116; AU 2018369463 A 20181019; CN 201880074423 A 20181019; CN 201880074424 A 20181116; EP 18793627 A 20181019; EP 18812075 A 20181116; EP 2018078704 W 20181019; EP 2018081540 W 20181116; US 201816763144 A 20181116; US 201816763157 A 20181019