

Title (en)

STACK CONFIGURATIONS FOR SOLID OXIDE ELECTROCHEMICAL CELLS

Title (de)

STAPELKONFIGURATIONEN FÜR ELEKTROCHEMISCHE FESTOXIDZELLEN

Title (fr)

CONFIGURATIONS D'EMPILEMENT POUR CELLULES ÉLECTROCHIMIQUES À OXYDE SOLIDE

Publication

**EP 4059076 A1 20220921 (EN)**

Application

**EP 20887768 A 20201110**

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- US 201916680699 A 20191112
- US 2020059780 W 20201110

Abstract (en)

[origin: WO2021096828A1] In various embodiments, components of a solid oxide fuel cell device such as interconnect plates, seals, and/or endplates may be composed of materials including aluminum, copper, and/or graphite. In various embodiments, the components may be coated with materials such as, for example, graphite, copper, aluminum, carbide ceramics, nitride ceramics, conversion coatings, or aluminum intermetallics.

IPC 8 full level

**H01M 8/2432** (2016.01); **H01M 8/0206** (2016.01); **H01M 8/021** (2016.01); **H01M 8/0213** (2016.01); **H01M 8/0232** (2016.01); **H01M 8/0258** (2016.01); **H01M 8/0271** (2016.01); **H01M 8/0282** (2016.01); **H01M 8/124** (2016.01); **H01M 8/247** (2016.01)

CPC (source: EP KR)

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Citation (search report)

See references of WO 2021096828A1

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**WO 2021096828 A1 20210520**; CA 3159204 A1 20210520; EP 4059076 A1 20220921; JP 2022553873 A 20221226; KR 20220098769 A 20220712

DOCDB simple family (application)

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