

Title (en)

CELL FRAME ASSEMBLY FOR AN ELECTROLYZER, ELECTROLYZER AND METHOD OF MANUFACTURING THEREOF

Title (de)

ZELLENRAHMENANORDNUNG FÜR EINEN ELEKTROLYSEUR, ELEKTROLYSEUR UND HERSTELLUNGSVERFAHREN DAFÜR

Title (fr)

ENSEMBLE CADRE DE CELLULE POUR UN ÉLECTROLYSEUR, ÉLECTROLYSEUR ET SON PROCÉDÉ DE FABRICATION

Publication

**EP 4079938 A1 20221026 (EN)**

Application

**EP 21170110 A 20210423**

Priority

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Abstract (en)

The invention relates to a cell frame assembly for an electrolyzer of the cell-stack type, comprising a plurality of stacked individual inner cell frame parts and at least temporarily during manufacturing and/or mounting an integral outer reinforcing shell or an axial holding arrangement extending over a subset of at least two stacked inner cell frame parts.

IPC 8 full level

**C25B 9/63** (2021.01); **C25B 9/73** (2021.01); **C25B 15/00** (2006.01)

CPC (source: EP)

**C25B 9/63** (2021.01); **C25B 9/73** (2021.01); **C25B 15/00** (2013.01); **C25B 1/04** (2013.01)

Citation (applicant)

- DE 102014010813 A1 20160128 - ETOGAS GMBH [DE]
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Citation (search report)

- [XAI] EP 2434570 A1 20120328 - SIEMENS AG [DE]
- [XAI] US 4615107 A 19861007 - KUMETA MASAO [JP], et al
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- [XI] US 5686200 A 19971111 - BARTON RUSSELL H [CA], et al
- [A] JP H02144857 A 19900604 - HITACHI LTD

Designated contracting state (EPC)

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