

Title (en)

INTERCONNECTOR MODULE FOR A HIGH-TEMPERATURE WATER ELECTROLYSER OR A FUEL CELL SUCH AS AN SOFC

Title (de)

INTERKONNEKTORMODUL FÜR EINEN HOCHTEMPERATUR-WASSERELEKTROLYSEUR ODER EINE BRENNSTOFFZELLE, Z. B. EINE FESTOXIDBRENNSTOFFZELLE

Title (fr)

MODULE D'INTERCONNECTEUR POUR ELECTROLYSEUR DE L'EAU À HAUTE TEMPÉRATURE OU UNE PILE À COMBUSTIBLE DU TYPE SOFC

Publication

**EP 2948998 A1 20151202 (FR)**

Application

**EP 14706096 A 20140123**

Priority

- FR 1350634 A 20130124
- IB 2014058497 W 20140123

Abstract (en)

[origin: WO2014115101A1] According to the invention, the metal part of the interconnector comprises two interspaced flat metal sheets (90, 91) and at least one element forming a pierced connector (92, 93), the at least one connector being arranged so as to lie against the two flat metal sheets without obstructing the apparent holes (820), thereby defining the chamber (81) adjacent to the plane PI of the electrode, the two metal sheets and the at least one connector being welded to each other at least around portions of each hole (820) of a group of holes.

IPC 8 full level

**H01M 8/02** (2006.01); **C25B 9/00** (2006.01); **C25B 9/04** (2006.01); **H01M 8/12** (2006.01)

CPC (source: EP US)

**C25B 1/04** (2013.01 - EP); **C25B 9/65** (2021.01 - EP); **C25B 9/70** (2021.01 - EP); **C25B 11/00** (2013.01 - EP); **C25B 15/08** (2013.01 - EP US); **H01M 8/0297** (2013.01 - US); **H01M 8/2425** (2013.01 - US); **H01M 8/2432** (2016.02 - EP); **H01M 8/0206** (2013.01 - EP); **H01M 2008/1293** (2013.01 - EP); **Y02E 60/36** (2013.01 - EP); **Y02E 60/50** (2013.01 - EP)

Citation (search report)

See references of WO 2014115101A1

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)

**FR 3001232 A1 20140725; FR 3001232 B1 20150220; EP 2948998 A1 20151202; WO 2014115101 A1 20140731**

DOCDB simple family (application)

**FR 1350634 A 20130124; EP 14706096 A 20140123; IB 2014058497 W 20140123**