

Title (en)

METHOD FOR JOINING A MODULAR HOT GAS COMPONENT USING WELDING AND HIGH-TEMPERATURE SOLDERING, AND JOINED COMPONENT

Title (de)

VERFAHREN ZUM FÜGEN EINER MODULAR AUFGEBAUTEN HEISSGASKOMPONENTE MITTELS SCHWEISSEN UND HOCHTEMPERATURLÖTEN UND GEFÜGTE KOMPONENTE

Title (fr)

PROCÉDÉ POUR ASSEMBLER UN COMPOSANT À GAZ CHAUD DE STRUCTURE MODULAIRE PAR SOUDAGE ET BRASAGE HAUTE TEMPÉRATURE ET COMPOSANT ASSEMBLÉ

Publication

EP 3837078 A1 20210623 (DE)

Application

EP 19778833 A 20190913

Priority

- DE 102018217501 A 20181012
- EP 2019074455 W 20190913

Abstract (en)

[origin: WO2020074210A1] In order to optimally join high-temperature components, a first component (10) is plugged into pins (13', 13'') of a second component (7), a soldering material is placed between the two components, and the pins (13', 13'') of the second component are welded to the first component (10).

IPC 8 full level

B23K 1/00 (2006.01); **B23K 26/03** (2006.01); **B23K 26/21** (2014.01); **B23K 26/32** (2014.01); **B23K 26/34** (2014.01); **B23K 101/00** (2006.01); **B23K 103/08** (2006.01)

CPC (source: EP US)

B23K 1/0018 (2013.01 - EP US); **B23K 26/034** (2013.01 - EP); **B23K 26/21** (2015.10 - EP US); **B23K 26/32** (2013.01 - EP); **B23K 26/34** (2013.01 - EP); **B23K 26/342** (2015.10 - US); **B23K 2101/001** (2018.07 - EP US); **B23K 2103/08** (2018.07 - EP); **B23K 2103/26** (2018.07 - EP); **B33Y 80/00** (2014.12 - US)

Citation (search report)

See references of WO 2020074210A1

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)

WO 2020074210 A1 20200416; CN 112912194 A 20210604; CN 112912194 B 20221104; DE 102018217501 A1 20200416; EP 3837078 A1 20210623; US 11504807 B2 20221122; US 2021379697 A1 20211209

DOCDB simple family (application)

EP 2019074455 W 20190913; CN 201980066355 A 20190913; DE 102018217501 A 20181012; EP 19778833 A 20190913; US 201917282313 A 20190913