

Title (en)

SUPPORT STRUCTURE FOR A SPACECRAFT AND METHOD OF ASSEMBLING SAME

Title (de)

TRÄGERSTRUKTUR FÜR EIN RAUMFAHRZEUG UND MONTAGEVERFAHREN DAFÜR

Title (fr)

STRUCTURE PORTEUSE POUR VÉHICULE SPATIAL ET PROCÉDÉ DE MONTAGE D'UNE STRUCTURE PORTEUSE POUR VÉHICULE SPATIAL

Publication

**EP 4081457 A1 20221102 (FR)**

Application

**EP 20851224 A 20201223**

Priority

- FR 1915561 A 20191224
- FR 2020052613 W 20201223

Abstract (en)

[origin: WO2021130457A1] The invention relates to a support structure (41) for a spacecraft, comprising a first side wall (30), a second side wall (32) which is parallel to and opposite the first side wall, a third side wall (22) attached at least to the first side wall (30) and a fourth side wall (24), which is parallel to and opposite the third side wall, at least one interior panel (40) attached between and perpendicular to the first side wall (30) and to the second side wall (32); at least one first thermal coupling device (56) bearing against the second side wall and attached to the interior panel, electronic devices arranged on and in direct thermal contact with at least one portion of the first thermal coupling device.

IPC 8 full level

**B64G 1/50** (2006.01); **B64G 1/10** (2006.01); **B64G 1/66** (2006.01)

CPC (source: EP US)

**B64G 1/10** (2013.01 - EP); **B64G 1/503** (2013.01 - EP US); **B64G 1/506** (2013.01 - EP US); **B64G 1/66** (2013.01 - EP US); **H01Q 1/288** (2013.01 - US)

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

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

**FR 3105178 A1 20210625**; **FR 3105178 B1 20240315**; EP 4081457 A1 20221102; US 2023040229 A1 20230209; WO 2021130457 A1 20210701

DOCDB simple family (application)

**FR 1915561 A 20191224**; EP 20851224 A 20201223; FR 2020052613 W 20201223; US 202017788578 A 20201223