

Title (en)

SORPTIVE GAS STORAGE DEVICE

Title (de)

SORPTIONSGASSPEICHERVORRICHTUNG

Title (fr)

DISPOSITIF DE STOCKAGE DE GAZ PAR SORPTION

Publication

EP 3830468 A1 20210609 (FR)

Application

EP 19745158 A 20190731

Priority

- FR 1857183 A 20180731
- EP 2019070603 W 20190731

Abstract (en)

[origin: WO2020025662A1] The invention relates to a sorptive gas storage device (1) comprising: a sorptive gas storage structure (10) comprising a sorptive gas storage material, said storage structure (10) having a circumferential edge (B), - heating means (3) configured to heat the storage material, and facilitate the desorption of the gas, said heating means (3) comprising: • a first heating part (30) arranged in the storage structure (10), at a distance from the circumferential edge (B), • a second heating part (32) arranged in the storage structure (10), at a distance from the circumferential edge (B) on the one hand and from the first heating part (30) on the other hand, the first heating part (30) and the second heating part (32) defining between them a space whereinto a first portion (11) of the storage structure (10) extends.

IPC 8 full level

F17C 11/00 (2006.01); **F28D 21/00** (2006.01)

CPC (source: EP US)

F17C 1/12 (2013.01 - US); **F17C 11/00** (2013.01 - EP); **F17C 11/005** (2013.01 - EP US); **F17C 2203/0304** (2013.01 - US); **F17C 2227/0302** (2013.01 - US); **F28D 1/0535** (2013.01 - EP); **F28D 2021/0047** (2013.01 - EP)

Citation (search report)

See references of WO 2020025662A1

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 2020025662 A1 20200206; CN 112789445 A 20210511; EP 3830468 A1 20210609; FR 3084719 A1 20200207; JP 2021533313 A 20211202; MA 53318 A 20220126; US 2021293383 A1 20210923

DOCDB simple family (application)

EP 2019070603 W 20190731; CN 201980064956 A 20190731; EP 19745158 A 20190731; FR 1857183 A 20180731; JP 2021505714 A 20190731; MA 53318 A 20190731; US 201917264820 A 20190731