

Title (en)

STORAGE ENCLOSURE, METHOD AND APPARATUS FOR PRODUCING CARBON MONOXIDE AND/OR HYDROGEN BY MEANS OF CRYOGENIC SEPARATION, INCLUDING ONE SUCH ENCLOSURE

Title (de)

AUFBEWARUNGSGEHÄUSE, VERFAHREN UND VORRICHTUNG ZUR HERSTELLUNG VON KOHLENMONOXID UND/ODER WASSERSTOFF DURCH KRYOGENE TRENNUNG, EINSCHLIESSLICH SOLCH EINES GEHÄUSES

Title (fr)

CAPACITÉ DE STOCKAGE, APPAREIL ET PROCÉDÉ DE PRODUCTION DE MONOXYDE DE CARBONE ET/OU D'HYDROGÈNE PAR SÉPARATION CRYOGÉNIQUE INTÉGRANT UNE TELLE CAPACITÉ

Publication

EP 2149021 A2 20100203 (FR)

Application

EP 08805790 A 20080516

Priority

- FR 2008050843 W 20080516
- FR 0755165 A 20070521

Abstract (en)

[origin: WO2008142349A2] The invention relates to a liquid storage enclosure (C) including a chamber (21), a heat exchanger (3) disposed inside the chamber and a barrier (5) dividing the chamber into two parts. The heat exchanger is located in the first part (A) and the second part (B) is disposed around the first part. The barrier is sealingly attached to the base of the chamber, but the height of the barrier is smaller than that of the chamber. The invention also includes means (15, 17, 19) for discharging liquid into the first part of the chamber, means (7, 9, 11) for releasing liquid from the second part of the chamber and means for conveying liquid to the exchanger and releasing a fluid from the exchanger.

IPC 8 full level

F25J 3/00 (2006.01); **F25J 3/02** (2006.01)

CPC (source: EP US)

F25J 3/0223 (2013.01 - EP US); **F25J 3/0252** (2013.01 - EP US); **F25J 3/0257** (2013.01 - EP US); **F25J 3/0261** (2013.01 - EP US);
F25J 5/005 (2013.01 - EP US); **F25J 2200/40** (2013.01 - EP); **F25J 2200/70** (2013.01 - EP US); **F25J 2200/72** (2013.01 - EP US);
F25J 2205/04 (2013.01 - EP US); **F25J 2205/30** (2013.01 - EP US); **F25J 2210/42** (2013.01 - EP US); **F25J 2250/02** (2013.01 - EP US);
F25J 2270/02 (2013.01 - EP US); **F25J 2270/04** (2013.01 - EP US); **F25J 2270/24** (2013.01 - EP US); **F25J 2270/904** (2013.01 - EP US);
F25J 2290/40 (2013.01 - EP US); **F25J 2290/62** (2013.01 - EP US)

Citation (search report)

See references of WO 2008142349A2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

FR 2916523 A1 20081128; FR 2916523 B1 20141212; EP 2149021 A2 20100203; EP 2149021 B1 20180725; US 2010199718 A1 20100812;
US 8783062 B2 20140722; WO 2008142349 A2 20081127; WO 2008142349 A3 20130718

DOCDB simple family (application)

FR 0755165 A 20070521; EP 08805790 A 20080516; FR 2008050843 W 20080516; US 60096108 A 20080516