

Title (en)

Acceleration-proof cryostatic device.

Title (de)

Gegenüber Beschleunigungen beständige kryostatische Vorrichtung.

Title (fr)

Dispositif cryostatique destiné à supporter des accélérations.

Publication

**EP 0022391 A1 19810114 (FR)**

Application

**EP 80400905 A 19800619**

Priority

FR 7916840 A 19790629

Abstract (en)

[origin: CA1127066A] - A cryostatic device comprising an inner wall and an outer wall connected at their upper parts by a filling orifice, a vacuum being made between the two walls, wherein the tank of cryogenic liquid, which is defined by the inner wall, is divided by a separating partition into two tanks, a primary tank and a secondary tank, the secondary tank surrounding all or part of the primary tank, the filling orifice opening into the secondary tank, and the primary tank and the secondary tank communicating via an orifice located in the separating partition at a level such that the volume of the primary tank located below said orifice is approximately equal to the volume located above this same orifice in this same tank.

Abstract (fr)

Dispositif cryostatique à double paroi sous vide. Selon l'invention le réservoir de liquide cryogénique délimité par la paroi interne (2) se divise en un réservoir primaire (5) et un réservoir secondaire (6) entourant totalement ou non ledit réservoir primaire. Le dispositif cryostatique selon l'invention est destiné principalement à être embarqué à bord de véhicules soumis à des accélérations diverses.

IPC 1-7

**F17C 3/08**

IPC 8 full level

**B64D 37/08** (2006.01); **F17C 3/04** (2006.01); **F17C 3/08** (2006.01)

CPC (source: EP US)

**F17C 3/08** (2013.01 - EP US); **F17C 3/085** (2013.01 - EP US); **F17C 2203/0391** (2013.01 - EP US); **F17C 2203/0629** (2013.01 - EP US); **F17C 2205/0149** (2013.01 - EP US); **F17C 2270/0509** (2013.01 - EP US); **Y10S 220/901** (2013.01 - EP US); **Y10T 137/86228** (2015.04 - EP US)

Citation (search report)

- FR 1605141 A 19730316
- US 3984222 A 19761005 - DEHAAN JAMES R

Cited by

CN109790956A

Designated contracting state (EPC)

DE GB IT NL SE

DOCDB simple family (publication)

**EP 0022391 A1 19810114**; **EP 0022391 B1 19820811**; CA 1127066 A 19820706; DE 3060756 D1 19821007; FR 2460441 A1 19810123; FR 2460441 B1 19820129; JP S566995 A 19810124; JP S5828479 B2 19830616; US 4337624 A 19820706

DOCDB simple family (application)

**EP 80400905 A 19800619**; CA 355056 A 19800627; DE 3060756 T 19800619; FR 7916840 A 19790629; JP 8673880 A 19800627; US 16048380 A 19800618