

Title (en)

High pressure gas vessel

Title (de)

Behälter zum Speichern von Gas unter hohem Druck

Title (fr)

Réservoir pour gaz à haute pression

Publication

EP 1286103 A3 20060329 (DE)

Application

EP 02015922 A 20020717

Priority

- DE 10137970 A 20010808
- DE 10149701 A 20011009

Abstract (en)

[origin: EP1286103A2] The container to hold a gas under very high pressures, and especially natural gas, is composed of two cylindrical pressure containers (1) bonded together to form a container unit. At least one of the containers has a connector (4), to fill and empty it. The container sections are welded together, by a thin gap technique, at a common dividing wall (5) which has at least one passage opening (6) for the gas.

IPC 8 full level

F17C 1/00 (2006.01); **F17C 1/02** (2006.01); **F17C 1/14** (2006.01)

CPC (source: EP)

F17C 1/02 (2013.01); **F17C 1/14** (2013.01); **F17C 2201/0152** (2013.01); **F17C 2201/0166** (2013.01); **F17C 2201/0171** (2013.01);
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F17C 2205/0302 (2013.01); **F17C 2209/221** (2013.01); **F17C 2221/033** (2013.01); **F17C 2223/0123** (2013.01); **F17C 2223/036** (2013.01);
F17C 2260/011 (2013.01); **F17C 2260/012** (2013.01); **F17C 2260/018** (2013.01); **F17C 2270/0178** (2013.01)

Citation (search report)

- [X] EP 0895017 A1 19990203 - RENAULT [FR]
- [X] US 4946056 A 19900807 - STANNARD JAMES H [US]
- [X] DE 3206430 A1 19830908 - DAIMLER BENZ AG [DE]
- [X] WO 0066940 A1 20001109 - CORDANT TECH INC [US]
- [X] GB 2089014 A 19820616 - OCEAN PHOENIX HOLDINGS NV
- [X] EP 0997335 A1 20000503 - RENAULT [FR]
- [X] FR 2616514 A1 19881216 - LAVERLOCHERE JACQUES [FR]
- [X] US 3625258 A 19711207 - PHELPS REX V
- [X] EP 0068473 A1 19830105 - GERHARD KG [DE]
- [A] DE 3225930 A1 19840112 - SIRCH MANFRED
- [A] FR 2290367 A1 19760604 - GATSERELIA MICHEL [FR]
- [A] US 5577630 A 19961126 - BLAIR MICHAEL D [US], et al

Cited by

US8235240B2; WO2007121969A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SK TR

DOCDB simple family (publication)

EP 1286103 A2 20030226; EP 1286103 A3 20060329; EP 1286103 B1 20090826

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