

Title (en)

Method and device for dispensing liquefied gas

Title (de)

Verfahren und Vorrichtung zur Abgabe von verflüssigtem Gas

Title (fr)

Procédé et Dispositif de distribution de gaz liquéfié

Publication

**EP 1050709 A3 20010516 (DE)**

Application

**EP 00109380 A 20000502**

Priority

DE 19920314 A 19990503

Abstract (en)

[origin: EP1050709A2] Any gas in the mixture is liquefied in a condensation vessel (1). n Independent claim is included for corresponding equipment carrying out this process. Preferred features: The condensation vessel outer walls, are cooled in contact with flowing coolant passing through both the cooling chamber (4) and the internal, cooling side (11) of the heat exchanger (10) of a Peltier effect device (9). This device is located between the internal cooling (11) and external warmer regions (12) of the heat exchanger. The warmer region dissipates Peltier effect waste heat, externally. condensation vessel is especially a small compressed gas cylinder. The cylindrical cooling chamber containing it is insulated. A riser (2) inside the condensation vessel, extends up from a feed point (8). There is an extraction point (7) on the condensation vessel.

IPC 1-7

**F17C 9/00**; **F17C 9/02**; **F17C 3/10**; **F17C 7/04**; **F17C 13/08**

IPC 8 full level

**F17C 7/04** (2006.01); **F17C 9/02** (2006.01); **F17C 13/08** (2006.01)

CPC (source: EP)

**F17C 7/04** (2013.01); **F17C 9/02** (2013.01); **F17C 13/08A** (2013.01); **F17C 2223/0153** (2013.01); **F17C 2223/047** (2013.01); **F17C 2250/0636** (2013.01)

Citation (search report)

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- [X] US 5571231 A 19961105 - LEE RON C [US]
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