

Title (en)

DEVICE AND SYSTEM FOR MONITORING GAS LEVEL OF LIQUEFIED PETROLEUM GAS CYLINDER

Title (de)

VORRICHTUNG UND SYSTEM ZUR ÜBERWACHUNG DES GASSTANDS EINES FLÜSSIGGASZYLINDERS

Title (fr)

DISPOSITIF ET SYSTÈME DE SURVEILLANCE DU NIVEAU DE GAZ D'UNE BOUTEILLE DE GAZ DE PÉTROLE LIQUÉFIÉ

Publication

**EP 3540289 A4 20200624 (EN)**

Application

**EP 17869114 A 20170308**

Priority

- CN 201621214445 U 20161110
- CN 201621214541 U 20161110
- CN 2017075924 W 20170308

Abstract (en)

[origin: EP3540289A1] Provided are a device and system for monitoring a gas level of a liquefied petroleum gas cylinder. The monitoring system comprises a detection device and a level indication terminal. The detection device comprises a supporting means for supporting a liquefied petroleum gas cylinder. The supporting means is provided with a weight measurement element for measuring a weight of the liquefied petroleum gas cylinder. The weight measurement element outputs a measurement result to the level indication terminal. The monitoring system comprises the detection device capable of measuring the weight of the liquefied petroleum gas cylinder and simultaneously feeding back the measured data to the level indication terminal, such that a user can check level information conveniently, and estimate, in advance, a level of a liquefied petroleum gas in a cylinder.

IPC 8 full level

**F17C 13/02** (2006.01)

CPC (source: EP)

**F17C 13/02** (2013.01); **F17C 13/023** (2013.01); **F17C 2201/0109** (2013.01); **F17C 2201/032** (2013.01); **F17C 2201/058** (2013.01); **F17C 2205/0192** (2013.01); **F17C 2221/035** (2013.01); **F17C 2223/0153** (2013.01); **F17C 2223/033** (2013.01); **F17C 2250/032** (2013.01); **F17C 2250/034** (2013.01); **F17C 2250/036** (2013.01); **F17C 2250/0421** (2013.01); **F17C 2250/0452** (2013.01); **F17C 2250/077** (2013.01); **F17C 2260/024** (2013.01); **F17C 2265/04** (2013.01); **F17C 2270/0745** (2013.01)

Citation (search report)

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- [XAI] IT TO20130093 A1 20140806 - N B C ELETTRONICA GROUP S R L
- [X] EP 1271113 A1 20030102 - DENEUVIS PHILIPPE [FR]
- See references of WO 2018086284A1

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CN111896190A

Designated contracting state (EPC)

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