

Title (en)

DEVICE AND METHOD FOR SUPPLYING FUEL TO A POWER-GENERATING FACILITY

Title (de)

VORRICHTUNG UND VERFAHREN ZUR KRAFTSTOFFVERSORGUNG EINER ENERGIEERZEUGUNGSEINRICHTUNG

Title (fr)

DISPOSITIF ET PROCEDE D'ALIMENTATION EN COMBUSTIBLE D'UNE INSTALLATION DE PRODUCTION D'ENERGIE

Publication

**EP 3669114 A1 20200624 (FR)**

Application

**EP 18720649 A 20180507**

Priority

- FR 1754184 A 20170512
- EP 2018061730 W 20180507

Abstract (en)

[origin: WO2018206511A1] The invention relates to a device (10, 110, 210) for supplying fluid fuel to a facility (12) for generating power, in particular installed on-board a ship (14), characterised in that it comprises a main tank (16) of liquefied gas, at least one first buffer tank (18) of liquefied gas, a first pipe (32) for transferring liquefied gas from the first buffer tank (18) to said facility (12), a first end (32a) of which opens into said first buffer tank (18) and a second end (32b) of which is connected to said facility (12), in order to supply fluid fuel to said facility, a second pipe (22) for transferring liquefied gas from the main tank (16) to the first buffer tank (18), said second pipe (22) comprising a first end (22a) intended for being submerged into the liquefied gas (24) contained in said main tank (16), and a second end (22b) leading into said first buffer tank (18), in order to supply liquefied gas to said first buffer tank, and means (20, 36) for applying negative pressure to said first buffer tank (18) relative to said main tank (16), which comprise at least one compressor (20) configured to apply an operating pressure lower than the atmospheric pressure to said first buffer tank.

IPC 8 full level

**F17C 9/02** (2006.01)

CPC (source: EP KR)

**F17C 9/02** (2013.01 - EP KR); **F17C 2221/033** (2013.01 - EP KR); **F17C 2223/0161** (2013.01 - EP KR); **F17C 2223/0169** (2013.01 - EP KR); **F17C 2223/033** (2013.01 - EP KR); **F17C 2223/043** (2013.01 - EP KR); **F17C 2223/047** (2013.01 - EP KR); **F17C 2225/0123** (2013.01 - EP KR); **F17C 2225/035** (2013.01 - EP KR); **F17C 2225/038** (2013.01 - EP KR); **F17C 2225/044** (2013.01 - EP KR); **F17C 2227/0107** (2013.01 - EP KR); **F17C 2227/0309** (2013.01 - EP KR); **F17C 2227/0323** (2013.01 - EP KR); **F17C 2227/0327** (2013.01 - EP KR); **F17C 2227/0388** (2013.01 - EP KR); **F17C 2227/0393** (2013.01 - EP KR); **F17C 2250/01** (2013.01 - EP KR); **F17C 2250/043** (2013.01 - EP); **F17C 2250/0434** (2013.01 - EP KR); **F17C 2250/0626** (2013.01 - EP KR); **F17C 2260/015** (2013.01 - EP KR); **F17C 2265/066** (2013.01 - EP KR); **F17C 2270/0105** (2013.01 - EP KR)

Citation (search report)

See references of WO 2018206511A1

Designated contracting state (EPC)

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**WO 2018206511 A1 20181115**; CN 109257936 A 20190122; CN 109257936 B 20230428; EP 3669114 A1 20200624; FR 3066189 A1 20181116; FR 3066189 B1 20220121; JP 2020519828 A 20200702; JP 7242555 B2 20230320; KR 102610000 B1 20231207; KR 20200005414 A 20200115; RU 2019139558 A 20210604

DOCDB simple family (application)

**EP 2018061730 W 20180507**; CN 201880000731 A 20180507; EP 18720649 A 20180507; FR 1754184 A 20170512; JP 2019562630 A 20180507; KR 20187018559 A 20180507; RU 2019139558 A 20180507