

Title (en)

GAS REMOVAL EQUIPMENT, GAS REMOVAL VESSEL, AND METHOD FOR REMOVING GAS FROM TANK

Title (de)

GASENTFERNUNGSAUSRÜSTUNG, GASENTFERNUNGSGEFÄSS UND VERFAHREN ZUR ENTFERNUNG VON GAS AUS EINEM TANK

Title (fr)

ÉQUIPEMENT DE DÉGAZAGE, NAVIRE POUR DÉGAZAGE, ET PROCÉDÉ DE DÉGAZAGE DE RÉSERVOIR

Publication

EP 2899115 A1 20150729 (EN)

Application

EP 13872846 A 20131226

Priority

- JP 2013010186 A 20130123
- JP 2013085013 W 20131226

Abstract (en)

The purpose of the present invention is to perform a procedure for removing gas in a fuel gas tank without causing problems such as securement of an installation space and a rise in cost. By equipping a vessel (100) with gas removal equipment (10) provided with a gas compression unit (20), a gas heater unit (30), a gas combustion unit (40), and an inert gas supply unit (50), fuel gas in a tank (110) is removed even in the vessel (100) not provided with devices for performing a procedure for removing gas.

IPC 8 full level

B63B 11/04 (2006.01); **B63B 25/16** (2006.01); **B63B 35/00** (2006.01); **B63J 2/08** (2006.01); **F17C 7/04** (2006.01)

CPC (source: EP)

B63B 57/00 (2013.01); **B63J 2/08** (2013.01); **F17C 13/004** (2013.01); **F17C 2221/033** (2013.01); **F17C 2223/0161** (2013.01); **F17C 2223/033** (2013.01); **F17C 2227/0157** (2013.01); **F17C 2227/044** (2013.01); **F17C 2250/0452** (2013.01); **F17C 2260/048** (2013.01); **F17C 2270/0105** (2013.01)

Cited by

RU2650246C1; RU2649496C1; WO2017202440A1

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)

EP 2899115 A1 20150729; **EP 2899115 A4 20151125**; CN 104736432 A 20150624; JP 2014141155 A 20140807; JP 6037846 B2 20161207; KR 20150058446 A 20150528; SG 11201502911W A 20150629; WO 2014115480 A1 20140731

DOCDB simple family (application)

EP 13872846 A 20131226; CN 201380054658 A 20131226; JP 2013010186 A 20130123; JP 2013085013 W 20131226; KR 20157010132 A 20131226; SG 11201502911W A 20131226