

Title (en)

Offshore system for vaporizing a liquefied hydrocarbon stream, method of providing such a system, and method of vaporizing a liquefied hydrocarbon stream

Title (de)

System auf offener See zur Verdampfung eines Flüssigkohlenwasserstoffstroms, Verfahren zur Bereitstellung eines derartigen Systems sowie Verfahren zur Verdampfung eines Flüssigkohlenwasserstoffstroms

Title (fr)

Système d'installation en mer pour la vaporisation d'un flux d'hydrocarbures liquéfiés, procédé pour la fourniture d'un tel système et procédé pour la vaporisation d'un flux d'hydrocarbures liquéfiés

Publication

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Application

EP 07117933 A 20071005

Priority

- EP 07117907 A 20071004
- EP 07117933 A 20071005

Abstract (en)

An offshore system and method for vaporizing a liquefied hydrocarbon stream, such as a liquefied natural gas stream is provided. A structure provided with a storage tank (4) for a load of liquefied hydrocarbon, an offloading system (6) in communication with the storage tank (4) for receiving a stream of the liquefied hydrocarbon (8) from an auxiliary carrier (10), vaporization equipment (7, 12, 13, 14, 15) in communication with the storage tank (4), and a ballast storage area (2,2a). The ballast storage area (2, 2a) is charged with a ballast material having a specific gravity equal to or higher than that of water. The amount of ballast material being charged is sufficient to keep the carrier grounded on the bottom of a body of water (41) in a condition that the storage tank (4) does not contain any liquefied hydrocarbon. The structure is selected to be an existing liquefied hydrocarbon carrier (1).

IPC 8 full level

F17C 5/06 (2006.01); **F17C 9/02** (2006.01); **F17C 13/08** (2006.01)

CPC (source: EP)

F17C 5/06 (2013.01); **F17C 9/02** (2013.01); **F17C 13/082** (2013.01); **F17C 2205/0184** (2013.01); **F17C 2221/033** (2013.01); **F17C 2223/0161** (2013.01); **F17C 2223/033** (2013.01); **F17C 2223/046** (2013.01); **F17C 2225/0123** (2013.01); **F17C 2225/035** (2013.01); **F17C 2260/013** (2013.01); **F17C 2260/048** (2013.01); **F17C 2265/05** (2013.01); **F17C 2270/0105** (2013.01); **F17C 2270/0123** (2013.01)

Citation (search report)

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Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)

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