

Title (en)

A SYSTEM FOR PROVIDING COOLING IN A MARINE VESSEL

Title (de)

SYSTEM ZUR BEREITSTELLUNG VON KÜHLUNG IN EINEM WASSERFAHRZEUG

Title (fr)

SYSTÈME DE FOURNITURE DE REFROIDISSEMENT DANS UN NAVIRE MARITIME

Publication

**EP 3160840 A4 20180307 (EN)**

Application

**EP 15811826 A 20150615**

Priority

- DK PA201400342 A 20140627
- DK 2015050164 W 20150615

Abstract (en)

[origin: WO2015197066A1] A system for providing cooling energy to a cooling medium circuit (55) of a marine vessel (1). The cooling system comprises a liquefied gas storage tank (20), a liquefied gas vaporizer (30) comprising a first heat exchanger that exchanges heat between the liquefied gas and a second medium in an intermediate flow circuit, and a liquefied gas feed line (22) for transporting liquefied gas from the liquefied gas tank (20) to the liquefied gas vaporizer (30), a second heat exchanger (50) configured to exchange heat between the second medium and a cooling medium in the cooling medium circuit (55), an adsorption or absorption refrigerator (40) operated by burning gas from the liquefied gas vaporizer (30), and a gas feed line for transporting gas from the liquefied gas vaporizer (30) to the absorption or adsorption refrigerator (40). The absorption or adsorption refrigerator (40) comprises a third heat exchanger configured to exchange heat with the cooling medium in the cooling medium circuit (55).

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

- [X] DE 202012102864 U1 20131106 - BECKER MARINE SYS GMBH & CO KG [DE]
- [A] JP 2005029087 A 20050203 - SHIN KURUSHIMA DOCKYARD CO LTD
- [A] US 2008299848 A1 20081204 - SIPILA TUOMAS [FI], et al
- [A] KR 20130091972 A 20130820 - SAMSUNG HEAVY IND [KR]
- See references of WO 2015197066A1

Designated contracting state (EPC)

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