Title (en)

REFRIGERATION SYSTEM

Title (de)

KÜHLSYSTEM

Title (fr)

SYSTÈME DE RÉFRIGÉRATION

Publication

EP 4109015 B1 20240221 (EN)

Application

EP 20812123 A 20201022

Priority

- ES 202030279 U 20200220
- ES 2020070644 W 20201022

Abstract (en)

[origin: EP4109015A1] The present invention relates to a refrigeration installation for a cold room that enables certain temperature to be maintained by using a coolant, coming from a liquefied natural gas (LNG) regasification port installation, preventing the formation of frost, and which comprises: an air cooler (1), through which the coolant circulates, with a defrost system (9) and located inside the cold room, a pipe circuit (2) that introduces the coolant into the cold room, a pump (3), for moving the coolant, a supply conduit (5) for coolant at a lower temperature, an adjustable three-way valve (4), located downstream from the pump (3) and which is connected to an outlet conduit (14) in order to evacuate coolant and adjust the amount thereof that is mixed with the coolant from the supply conduit (5); and a control unit (16).

IPC 8 full level

F25D 17/02 (2006.01); **F25B 41/20** (2021.01); **F25D 13/00** (2006.01); **F25D 17/00** (2006.01); **F25D 21/08** (2006.01)

CPC (source: EP)

F25D 17/005 (2013.01); **F25D 17/02** (2013.01); F25D 13/00 (2013.01); F25D 21/08 (2013.01)

Citation (examination)

- JP 2001116198 A 20010427 - OSAKA GAS CO LTD
- JP 2015001372 A 20150105 - FINE CERAMIC CORP
- CN 205079513 U 20160309 - CNOOC ENERGY TECH & SERV LTD, et al

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DOCDB simple family (publication)

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DOCDB simple family (application)

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