

Title (en)

APPARATUS FOR STORING AND TRANSPORTING A CRYOGENIC FLUID ON-BOARD A SHIP

Title (de)

VORRICHTUNG ZUM LAGERN UND TRANSPORTIEREN EINER KRYOGENEN FLÜSSIGKEIT AN BORD EINES SCHIFFES

Title (fr)

INSTALLATION DE STOCKAGE ET DE TRANSPORT D'UN FLUIDE CRYOGÉNIQUE EMBARQUÉE SUR UN NAVIRE

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Application

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Abstract (en)

[origin: WO2016120540A1] The invention relates to an apparatus for storing and transporting a cryogenic fluid on-board a ship (1), the apparatus comprising a sealed and thermally insulated tank (2, 3, 4, 5, 102, 202) for storing the cryogenic fluid in a two-phase liquid-vapor equilibrium state, the apparatus comprising at least two sealed pipes (22, 23, 24, 25) passing through the tank such as to define a passage for discharging the vapor phase of the cryogenic fluid from the inside to the outside of the tank, the two sealed pipes (22, 23, 24, 25) each comprising a collection end leading into the inside of the tank at the sealing membrane (21) of the ceiling wall (13); the collection ends of said two sealed pipes (22, 23, 24, 25) leading into the inside of the tank at two areas of the ceiling wall (13) located at two opposite ends of said ceiling wall (13).

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