

Title (en)

Process for low temperature cooling of a load and liquefied gas refrigeration system for performing the process

Title (de)

Verfahren zur Kühlung eines Verbrauchers auf Tieftemperatur und Flüssiggas-Kühlungssystem zur Durchführung des Verfahrens

Title (fr)

Procédé pour le refroidissement à basse température d'une charge et système de réfrigération à gaz liquéfié pour la mise en oeuvre du procédé

Publication

EP 0849550 B1 20030820 (DE)

Application

EP 97111987 A 19970715

Priority

DE 19652764 A 19961218

Abstract (en)

[origin: EP0849550A1] The liquid gas cooling system has a container (10) holding the low temperature liquid gas and containing a heat exchanger (32) of a heat exchange circuit (18) for cooling the high temperature superconductor cable containing a second liquid gas heat transfer medium. A vacuum pump (24) is used for maintaining the internal pressure of the container at below the atmospheric pressure, with a pressure regulator (40) in the heat exchange circuit maintaining it at above the atmospheric pressure.

IPC 1-7

F25D 3/10

IPC 8 full level

F25D 3/10 (2006.01); **F25D 29/00** (2006.01)

CPC (source: EP)

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