

Title (en)

REFRIGERATING ARRANGEMENT COMPRISING A HOT CONNECTION ELEMENT AND A COLD CONNECTION ELEMENT AND A HEAT EXCHANGER TUBE CONNECTED TO THE CONNECTION ELEMENTS

Title (de)

KÄLTEANLAGE MIT EINEM WARMEN UND EINEM KALTEN VERBINDUNGSELEMENT UND EINEM MIT DEN VERBINDUNGSELEMENTEN VERBUNDENEN WÄRMEROHR

Title (fr)

INSTALLATION FRIGORIFIQUE COMPORTANT UN ÉLÉMENT DE RACCORDEMENT CHAUD ET UN ÉLÉMENT DE RACCORDEMENT FROID, AINSI QU'UN TUBE ÉCHANGEUR DE CHALEUR RELIÉ À CES ÉLÉMENTS DE RACCORDEMENT

Publication

EP 2066991 A1 20090610 (DE)

Application

EP 07803233 A 20070905

Priority

- EP 2007059269 W 20070905
- DE 102006046688 A 20060929

Abstract (en)

[origin: DE102006046688B3] The cooling system (100), e.g. for super conductive magnets, has a warm connection (101) with a thermal bond to the part (102) to be cooled and a cold connection (103) in a thermal bond with a heat sink (104). A heating tube (105), of a material with poor thermal conductivity, has one end at the hot connection and the other end with a mechanically released link at the cold connection, filled with a fluid (106) for circulation through a thermo-siphon effect. A connecting pipe (107) has one end within the hot tube and the tube is higher than the fluid level to pump out the fluid to give a thermal separation between the connections.

IPC 8 full level

F25D 19/00 (2006.01); **F25D 16/00** (2006.01)

CPC (source: EP KR US)

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Citation (search report)

See references of WO 2008040609A1

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