

Title (en)

INDIRECT COOLING SYSTEM FOR AN ELECTRICAL DEVICE

Title (de)

VORRICHTUNG ZUR INDIREKTEN KÜHLUNG EINER ELEKTRISCHEN EINRICHTUNG

Title (fr)

SYSTEME DE REFROIDISSEMENT INDIRECT D'UN DISPOSITIF ELECTRIQUE

Publication

EP 0850386 A1 19980701 (DE)

Application

EP 96934396 A 19960829

Priority

- DE 9601606 W 19960829
- DE 19533555 A 19950911

Abstract (en)

[origin: DE19533555A1] The system (2) for indirectly cooling a device (10) in a vacuum housing (8), especially a superconducting device, contains at least one refrigerating machine component (4) consisting of sections (4a and 4b) on the ambient and low temperature sides, projects into the vacuum chamber (8), is secured thereto via sprung components (30) and has a heat-conductive connection to the device (10) to be cooled at its low-temperature end. In order to reduce the vibrations transmitted to the device (10), the ambient temperature section (4a) of the refrigerating machine component (4) is to be fitted in an evacuable compartment (27) of a housing unit (26) rigidly secured to the vacuum housing (8).

IPC 1-7

F17C 3/08; **F25D 19/00**

IPC 8 full level

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