

Title (en)

Superconducting installation with a superconducting device to be cooled indirectly and with a current supply system

Title (de)

Anlage der Supraleitungstechnik mit einer indirekt zu kühlenden supraleitenden Einrichtung und einer Stromzuführungsvorrichtung

Title (fr)

Installation supraconductrice avec un dispositif supraconducteur à refroidir indirectement et un système d'amenée de courant

Publication

EP 0789368 B1 20000517 (DE)

Application

EP 97101229 A 19970127

Priority

DE 19604805 A 19960209

Abstract (en)

[origin: EP0789368A1] A superconducting engineering installation in which a superconducting device is located within an evacuated inner space of a vacuum housing, and a refrigeration system is used to provide indirect cooling of the superconducting device and has its end, on its low-temp. side, in good heat-conducting arrangement with the superconducting device. A current supply device running between room temp. and low temp. is electrically connected to the superconducting device. A disconnecter or isolator switch (17) associated with the current supply device (12) is arranged in the region of the latter's room-temp. side.

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H01F 6/06

IPC 8 full level

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CPC (source: EP)

H01F 6/065 (2013.01)

Cited by

US7285881B2; EP1063482A1; DE10324500B3; EP1089031A3; WO0101048A1; WO03002906A1; US6629426B2; WO0215370A1; EP3700036A1

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