

Title (en)
Superconducting magnet apparatus

Title (de)
Supraleitende Magnetvorrichtung

Title (fr)
Dispositif magnétique supraconducteur

Publication
EP 1587114 A2 20051019 (EN)

Application
EP 05252349 A 20050415

Priority
JP 2004121511 A 20040416

Abstract (en)
A superconducting magnet apparatus comprising a coil container for accommodating superconducting coils and liquefied cooling medium for cooling the coils down to the critical temperature or lower of a superconductor constituting the coils, a vacuum chamber for accommodating the coil container and for vacuum insulation from the atmosphere, and a conduit communicating the coil container at one end thereof and extending to the outside of the vacuum chamber at the other end. At least one heating device for heating the conduit is disposed at one or more positions of the conduit located within the vacuum chamber.

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H01F 6/00

IPC 8 full level
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Cited by
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