

Title (en)

CURRENT SUPPLY DEVICE FOR A COOLED ELECTRICAL DEVICE

Title (de)

STROMZUFÜHRUNGSVORRICHTUNG FÜR EINE GEKÜHLTE ELEKTRISCHE EINRICHTUNG

Title (fr)

INSTALLATION D'ALIMENTATION EN COURANT POUR UN DISPOSITIF ELECTRIQUE REFROIDI

Publication

**EP 0958585 B1 20030521 (DE)**

Application

**EP 98907881 A 19980202**

Priority

- DE 9800285 W 19980202
- DE 19704485 A 19970207

Abstract (en)

[origin: DE19704485A1] The current supply device (2) comprises an electrical line extending between a high-temperature level (RT) and a lower temperature level (TT), to which a cooled electrical device, specially a supraconducting device, is connected on the low temperature end. The electrical line should be configured at least partially by at least one part (6a, 7a) of a cold head (3) of a pulse tube cooler comprising a regenerator (6) and a pulse tube (7).

IPC 1-7

**H01F 6/06**; **F25B 9/14**

IPC 8 full level

**F25B 9/00** (2006.01); **F25B 9/14** (2006.01); **H01F 6/04** (2006.01); **H01F 6/06** (2006.01)

CPC (source: EP US)

**F25B 9/145** (2013.01 - EP US); **H01F 6/065** (2013.01 - EP US); **F25B 2309/1406** (2013.01 - EP US); **F25B 2309/1408** (2013.01 - EP US); **F25B 2309/1418** (2013.01 - EP US); **F25B 2309/1419** (2013.01 - EP US); **F25B 2309/1424** (2013.01 - EP US); **F25B 2309/14241** (2013.01 - EP US); **F25D 19/006** (2013.01 - EP US)

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