

Title (en)

CURRENT SUPPLY DEVICE FOR A COOLED ELECTRICAL DEVICE

Title (de)

VORRICHTUNG ZUM SAMMELN VON FLÜSSIGKEITEN

Title (fr)

INSTALLATION D'ALIMENTATION EN COURANT POUR UN DISPOSITIF ELECTRIQUE REFROIDI

Publication

**EP 0958585 A1 19991124 (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)

Citation (search report)

See references of WO 9835365A1

Designated contracting state (EPC)

CH DE FR GB IT LI SE

DOCDB simple family (publication)

**DE 19704485 A1 19980820**; **DE 19704485 C2 19981119**; DE 59808460 D1 20030626; EP 0958585 A1 19991124; EP 0958585 B1 20030521; JP 2001510551 A 20010731; JP 3898231 B2 20070328; US 6112527 A 20000905; WO 9835365 A1 19980813

DOCDB simple family (application)

**DE 19704485 A 19970207**; DE 59808460 T 19980202; DE 9800285 W 19980202; EP 98907881 A 19980202; JP 53355098 A 19980202; US 37025299 A 19990809