Title (en)

SUPERCONDUCTING COIL DEVICE COMPRISING COIL WINDING AND CONTACTS

Title (de)

SUPRALEITENDE SPULENEINRICHTUNG MIT SPULENWICKLUNG UND KONTAKTEN

Title (fr)

SYSTÈME DE BOBINE SUPRACONDUCTRICE AVEC BOBINAGE ET CONTACTS

Publication

EP 2917922 B1 20190925 (DE)

Application

EP 13801521 A 20131202

Priority

- DE 102012223366 A 20121217
- EP 2013075241 W 20131202

Abstract (en)

[origin: WO2014095328A1] Superconducting coil device comprising coil winding and contacts What is specified is: a coil device comprising a coil winding (25) having at least a first and a second strip conductor (31, 32). Each of the two strip conductors (31, 32) has a contact side (13) with a contact layer. Furthermore, the coil device comprises at least a first contact (17) between the first strip conductor (31) and a first contact piece (19) and a second contact (21) between the second strip conductor (32) and a second contact piece (23) for connecting the coil device to an external circuit. Within the coil winding, the first strip conductor (31) and the second strip conductor (32) are electrically connected via a third contact (33) between the contact layers of said strip conductors. The first and second strip conductors differ in respect of the orientation of the contact side with respect to a centre of the coil winding.

IPC 8 full level

H01F 6/06 (2006.01)

CPC (source: EP US)

H01F 6/06 (2013.01 - US); **H01F 6/065** (2013.01 - EP US)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

DE 102012223366 A1 20140618; CN 104854664 A 20150819; CN 104854664 B 20190215; EP 2917922 A1 20150916; EP 2917922 B1 20190925; KR 102098005 B1 20200407; KR 20150097509 A 20150826; US 2015318099 A1 20151105; US 9875833 B2 20180123; WO 2014095328 A1 20140626

DOCDB simple family (application)

DE 102012223366 A 20121217; CN 201380065948 A 20131202; EP 13801521 A 20131202; EP 2013075241 W 20131202; KR 20157015875 A 20131202; US 201314652710 A 20131202