

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

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Application

EP 13801521 A 20131202

Priority

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- 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.

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