

Title (en)

METHOD FOR MAKING AN ELECTRICAL CONTACT BETWEEN A NORMAL CONDUCTING BODY AND AT LEAST ONE SUPERCONDUCTOR

Publication

EP 0009181 B1 19820317 (DE)

Application

EP 79103321 A 19790906

Priority

DE 2840526 A 19780918

Abstract (en)

[origin: US4270264A] A method for establishing an electrical contact between a normally conducting contact body and the end section of a superconductor annealed in situ, prior to the anneal in which the corresponding end section of the intermediate conductor product is placed on a form of a heat-resistant material which during the anneal does not react with the elements of the intermediate conductor product; and after the anneal, replacing the form with a contact body of corresponding shape. With the method, diffusion reactions between the elements of the intermediate conductor product and the contact body during the in situ anneal are advantageously prevented.

IPC 1-7

H01R 4/68

IPC 8 full level

H01F 6/06 (2006.01); **H01F 41/04** (2006.01)

CPC (source: EP US)

H01F 6/065 (2013.01 - EP US); **H01F 41/048** (2013.01 - EP US); **Y10S 505/918** (2013.01 - EP US); **Y10S 505/924** (2013.01 - EP US); **Y10S 505/926** (2013.01 - EP US); **Y10S 505/927** (2013.01 - EP US); **Y10T 29/49014** (2015.01 - EP US)

Cited by

EP0533654A4

Designated contracting state (EPC)

CH FR GB

DOCDB simple family (publication)

EP 0009181 A1 19800402; **EP 0009181 B1 19820317**; DE 2840526 A1 19800327; DE 2840526 C2 19850425; US 4270264 A 19810602

DOCDB simple family (application)

EP 79103321 A 19790906; DE 2840526 A 19780918; US 7666279 A 19790918