

Title (en)
PROCESS FOR INSULATING SUPRACONDUCTORS IN A MAGNETIC WINDING

Publication
EP 0008431 B1 19820203 (DE)

Application
EP 79102948 A 19790813

Priority
DE 2837199 A 19780825

Abstract (en)
[origin: US4261097A] A method for insulating superconductors in a magnet winding, in which any sizing and/or binders containing organic substances deposited on heat-resistant insulation used in the winding is first completely removed prior to an in-situ anneal, and at least a portion of the insulation is then provided with a special protective material. The magnet winding is then built up. The protective material is removed from the magnet winding, prior to the anneal, leaving no residue. In this way, formation of graphite from organic substances and consequent impairment of the insulation is avoided.

IPC 1-7
H01B 13/06; **H01F 41/12**; **H01B 3/08**

IPC 8 full level
H01B 3/08 (2006.01); **H01F 6/06** (2006.01); **H01F 41/12** (2006.01)

CPC (source: EP US)
H01B 3/08 (2013.01 - EP US); **H01F 6/06** (2013.01 - EP US); **H01F 41/122** (2013.01 - EP US); **Y10S 505/919** (2013.01 - EP US); **Y10S 505/921** (2013.01 - EP US); **Y10S 505/924** (2013.01 - EP US); **Y10T 29/49014** (2015.01 - EP US); **Y10T 29/49071** (2015.01 - EP US)

Cited by
FR2643496A1; EP0353433A1; CH678465A5

Designated contracting state (EPC)
CH FR GB

DOCDB simple family (publication)
EP 0008431 A2 19800305; **EP 0008431 A3 19800319**; **EP 0008431 B1 19820203**; DE 2837199 A1 19800306; DE 2837199 C2 19830505; US 4261097 A 19810414

DOCDB simple family (application)
EP 79102948 A 19790813; DE 2837199 A 19780825; US 6562879 A 19790810