

Title (en)

METHOD OF FIXING THE WINDINGS OF A SUPERCONDUCTIVE MAGNET COIL

Publication

**EP 0048880 B1 19840912 (DE)**

Application

**EP 81107230 A 19810914**

Priority

DE 3036536 A 19800927

Abstract (en)

[origin: EP0048880A1] 1. A method of fixing the turns of a superconductive magnetic winding which is initially composed of conducting initial products and in which the superconductive properties are produced by a reactive annealing of the finished winding, characterised in that when winding the conducting initial products a cement, made of an insulating inorganic material and which, in the hardened state, is stable at the low temperatures required for bringing about the superconductive state and at the high temperatures required for the reactive annealing, is introduced into the winding and, on completion of the winding, is hardened before the reactive annealing is carried out.

IPC 1-7

**H01F 5/08**; **H01B 3/02**

IPC 8 full level

**H01B 3/02** (2006.01); **H01F 6/06** (2006.01); **H01F 41/12** (2006.01)

CPC (source: EP)

**H01F 6/06** (2013.01); **H01F 41/122** (2013.01)

Cited by

US5140292A; EP0353433A1; CH678465A5

Designated contracting state (EPC)

CH DE FR GB LI

DOCDB simple family (publication)

**EP 0048880 A1 19820407**; **EP 0048880 B1 19840912**; DE 3036536 A1 19820513; DE 3166043 D1 19841018

DOCDB simple family (application)

**EP 81107230 A 19810914**; DE 3036536 A 19800927; DE 3166043 T 19810914