

Title (en)

High-temperature superconductive conductor winding.

Title (de)

Hochtemperatur-supraleitende Spule.

Title (fr)

Bobine supra-conductrice à haute température.

Publication

EP 0472197 B1 19941221 (EN)

Application

EP 91114090 A 19910822

Priority

JP 22348190 A 19900824

Abstract (en)

[origin: EP0472197A1] In a high-temperature superconductive conductor winding (1) comprising a tape-type high-temperature superconducting wire (2) which is combined with a metal and wound into the form of a double pancake coil, the length of a throughout portion (5) provided between pancakes (4, 6) is at least four times the width of the tape-type high-temperature superconducting wire. Thus, it is possible to suppress generation of shearing stress at the throughout portion (5), thereby preventing reduction of the critical current density caused by such shearing stress. <IMAGE>

IPC 1-7

H01F 7/22

IPC 8 full level

H01F 6/06 (2006.01)

CPC (source: EP)

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Cited by

EP0724273A3; US5581220A; EP1096580A4; US5604473A; FR2895802A1; US2013172196A1; US9048015B2; US7855628B2; US7952454B2; WO2005087532A1; WO0052781A1; WO0157888A1; WO2007077383A1; WO2012031790A1; EP1829062B1; EP0786141B2

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