

Title (en)
High-temperature superconductive conductor winding.

Title (de)
Hochtemperatur-supraleitende Spule.

Title (fr)
Bobine supra-conductrice à haute température.

Publication
EP 0472197 A1 19920226 (EN)

Application
EP 91114090 A 19910822

Priority
JP 22348190 A 19900824

Abstract (en)
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)
H01F 6/06 (2013.01)

Citation (search report)
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• [A] US 3813764 A 19740604 - FUKUDA T, et al
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