

Title (en)

MACHINE WORKABLE, THERMALLY CONDUCTIVE, HIGH STRENGTH, CERAMIC SUPERCONDUCTING COMPOSITE

Publication

EP 0376981 A4 19901212 (EN)

Application

EP 88908848 A 19880622

Priority

US 8519287 A 19870814

Abstract (en)

[origin: WO8901706A1] A dispersion of ceramic superconductor particles is distributed in a matrix of a continuously connected nonferromagnetic metal. This bi-phase composite permits the material to exhibit the mechanical and thermal properties of metal and yet retains the superconducting properties of ceramic superconductors.

IPC 1-7

H01L 39/12

IPC 8 full level

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Citation (search report)

- [E] EP 0292126 A2 19881123 - AMERICAN TELEPHONE & TELEGRAPH [US]
- [A] APPLIED PHYSICS LETTERS, vol. 51, no. 3, July 1987, pages 203-204, New York, US; S. JIN et al.: "High Tc superconductors - composite wire fabrication"
- See references of WO 8901706A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

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