

Title (en)

PREPARATION OF SUPERCONDUCTING CERAMIC MATERIALS.

Title (de)

VERFAHREN ZUR HERSTELLUNG SUPRALEITFÄHIGER KERAMIKMATERIALIEN.

Title (fr)

PREPARATION DE MATERIAUX CERAMIQUES SUPRACONDUCTEURS.

Publication

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Application

**EP 88905473 A 19880321**

Priority

US 4231887 A 19870423

Abstract (en)

[origin: WO8808338A1] A method of preparing a selected device geometry (10) of a superconducting compound. A high critical temperature superconducting compound is prepared from a starting metal composition (14) which is formed in a predetermined base geometry (16) and then subjected to an oxidation reaction to generate the superconducting compound (23) in the final selected device geometry.

IPC 1-7

**B05D 5/12; C04B 35/50; C23C 8/10**

IPC 8 full level

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Citation (search report)

- [E] EP 0285960 A1 19881012 - SIEMENS AG [DE]
- [X] JOURNAL OF THE AMERICAN CHEMICAL SOCIETY, vol. 109, 15th April 1987, pages 2528-2530, American Chemical Society; A.M. STACY et al.: "High-temperature superconductivity in Y-Ba-Cu-O: identification of a copper-rich superconducting phase"
- See references of WO 8808338A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

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