

Title (en)

SUPERCONDUCTING OXIDES BY COPRECIPITATION AT CONSTANT pH.

Title (de)

SUPRALEITENDE OXIDE MITTELS COPRÄZIPITATION BEI KONSTANTEM PH.

Title (fr)

OBTENTION D'OXYDES SUPRACONDUCTEURS PAR CO-PRECIPITATION A pH CONSTANT.

Publication

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Application

EP 93912450 A 19930622

Priority

- AU 9300300 W 19930622
- AU PL308092 A 19920623

Abstract (en)

[origin: WO9400385A1] High temperature superconductors (e.g. Y-Ba-Cu-O) can be formed at commercial quantities with high phase purities by conducting the coprecipitation process at a constant pH. By selecting a precipitate (e.g. oxalates) which confers plastic properties to the precipitated product, a variety of shaped HTSC compounds can be made.

IPC 1-7

C01G 1/02; **C01G 3/02**; **C01B 13/18**; **C04B 35/00**; **C04B 35/03**; **C04B 35/50**

IPC 8 full level

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CPC (source: EP)

C01B 13/185 (2013.01); **C01G 3/006** (2013.01); **C01G 29/006** (2013.01); **C04B 35/45** (2013.01); **C04B 35/4508** (2013.01); **C07C 55/07** (2013.01); **C01P 2002/01** (2013.01); **C01P 2002/72** (2013.01); **C01P 2004/03** (2013.01); **C01P 2006/40** (2013.01); **C01P 2006/42** (2013.01)

Citation (search report)

- No further relevant documents disclosed
- See references of WO 9400385A1

Designated contracting state (EPC)

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