

Title (en)

PREPARATION OF SUPERCONDUCTING OXIDES BY ELECTROCHEMICAL OXIDATION: ANODIC SUPERCONDUCTORS

Publication

EP 0400057 A4 19901219 (EN)

Application

EP 89902671 A 19890125

Priority

US 14962188 A 19880128

Abstract (en)

[origin: WO8907161A1] Disclosed is a method for preparing superconductive oxides by electrochemical oxidation. An electrochemical cell includes an anode made of an alloy of the metallic precursors of the superconducting oxide. A surface of the anode is in contact with an electrolyte of the cell, and the anode is electrochemically oxidized to form the superconducting oxide.

IPC 1-7

C25B 1/00; C25B 1/18; H01L 39/24

IPC 8 full level

C01G 3/00 (2006.01); **C01G 1/00** (2006.01); **C25B 1/00** (2006.01); **C25B 1/18** (2006.01); **C25B 11/04** (2006.01); **C25D 9/08** (2006.01); **C25D 11/34** (2006.01); **H10N 60/01** (2023.01)

CPC (source: EP)

C25D 11/34 (2013.01); **H10N 60/0296** (2023.02)

Citation (search report)

[XP] DATABASE WPIL. accession no. 89-013478, Derwent Publications Ltd, London, GB; & JP-A-63 291 318 (KUJIKURA CABLE WORKS K.K.) 29-11-1988

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)

WO 8907161 A1 19890810; EP 0400057 A1 19901205; EP 0400057 A4 19901219; JP H03503548 A 19910808

DOCDB simple family (application)

US 8900308 W 19890125; EP 89902671 A 19890125; JP 50248389 A 19890125