

Title (en)
THIN FILM NTC THERMISTOR

Title (de)
NTC-DÜNNSCHICHTTHERMISTOR

Title (fr)
THERMISTANCES A COUCHE MINCE

Publication
EP 1371070 A1 20031217 (EN)

Application
EP 01918857 A 20010320

Priority
• US 0108899 W 20010320
• US 81020601 A 20010316

Abstract (en)
[origin: WO02075751A1] A thin film NTC thermistor having a thin film resistive element of a sputtered mixture of metal oxide film, the thin film resistant element having a negative temperature coefficient is disclosed. Another aspect of the present invention includes a product line of negative temperature coefficient thermistors having the same physical size, but varying value of resistances when at the same temperature. Another aspect of the invention includes a method of manufacturing a thin film negative temperature coefficient thermistor using thin film techniques.

IPC 1-7
H01C 7/04

IPC 8 full level
H01C 7/04 (2006.01); **H01C 13/02** (2006.01); **H01C 17/12** (2006.01)

CPC (source: EP)
H01C 7/043 (2013.01); **H01C 13/02** (2013.01); **H01C 17/12** (2013.01)

Citation (search report)
See references of WO 02075751A1

Cited by
US10971772B2; EP3789822A4; WO2017211782A1

Designated contracting state (EPC)
DE FR GB

DOCDB simple family (publication)
WO 02075751 A1 20020926; EP 1371070 A1 20031217; EP 1371070 B1 20110309

DOCDB simple family (application)
US 0108899 W 20010320; EP 01918857 A 20010320