

Title (en)

Oxide ceramic thermistor containing indium

Title (de)

Indiumhaltiger, oxidkeramischer Thermistor

Title (fr)

Thermistance céramique d'oxydes contenant de l'indium

Publication

EP 0810612 B1 19990901 (DE)

Application

EP 97201533 A 19970522

Priority

DE 19622112 A 19960601

Abstract (en)

[origin: EP0810612A1] A novel thermistor includes a semiconductor ceramic comprising an oxide spinel containing Mn, Ni and In. Preferably, the oxide spinel has the composition $\text{Mn}_{2.33-x}\text{In}_x\text{Ni}_{0.67}\text{O}_4$, where $x = 0.05$ to 0.75 , preferably 0.5 to 0.66 , especially 0.58 plus or minus 0.02 .

IPC 1-7

H01C 7/04

IPC 8 full level

C04B 35/00 (2006.01); **C01G 53/00** (2006.01); **H01C 7/04** (2006.01)

CPC (source: EP US)

H01C 7/043 (2013.01 - EP US)

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

EP 0810612 A1 19971203; **EP 0810612 B1 19990901**; DE 19622112 A1 19971204; DE 59700382 D1 19991007; JP H1092609 A 19980410; TW 406061 B 20000921; US 5976421 A 19991102

DOCDB simple family (application)

EP 97201533 A 19970522; DE 19622112 A 19960601; DE 59700382 T 19970522; JP 14121297 A 19970530; TW 86107536 A 19970602; US 86334997 A 19970529