

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 A1 19971203 (DE)**

Application  
**EP 97201533 A 19970522**

Priority  
DE 19622112 A 19960601

Abstract (en)  
A novel thermistor includes a semiconductor ceramic comprising an oxide spinel containing Mn, Ni and In. Preferably, the oxide spinel has the composition  $Mn_{2.33-x}In_xNi_{0.67}O_4$ , where  $x = 0.05$  to  $0.75$ , preferably  $0.5$  to  $0.66$ , especially  $0.58$  plus or minus  $0.02$ .

Abstract (de)  
Ein Thermistor mit einer Halbleiterkeramik mit einem Oxid-Spinell, der die Elemente Mangan, Nickel und Indium enthält, ist thermisch stabil und zeichnet sich weiterhin durch hohe Werte für den spezifischen Widerstand und den B-Wert aus. <IMAGE>

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)

Citation (search report)

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