

Title (en)

SINTERED-CERAMIC MATERIAL FOR HIGH-STABILITY THERMISTORS, AND A METHOD OF PRODUCING THE MATERIAL.

Title (de)

SINTERKERAMIK FÜR HOCHSTABILE THERMISTOREN UND VERFAHREN ZU IHRER HERSTELLUNG.

Title (fr)

CERAMIQUE FRITTEE POUR THERMISTANCES TRES STABLES ET PROCEDE DE FABRICATION.

Publication

**EP 0637292 A1 19950208 (DE)**

Application

**EP 93908815 A 19930423**

Priority

- DE 9300360 W 19930423
- DE 4213631 A 19920424

Abstract (en)

[origin: WO9322255A1] The invention concerns a sintered-ceramic material, for high-stability thermistors, of the general formula:  $MgzNiMn_{2-z}O_4$ , where  $0 < z < 1$ , produced by converting a thermally unstable nickel manganese oxide spinel system, such as  $NiMn_2O_4$ , into a thermodynamically stable compound of the composition  $MgNiMnO_4$  by the substitution of manganese by magnesium.

IPC 1-7

**C04B 35/00**; **H01C 7/04**

IPC 8 full level

**C04B 35/00** (2006.01); **C04B 35/01** (2006.01); **H01C 7/04** (2006.01)

CPC (source: EP)

**C04B 35/016** (2013.01); **H01C 7/043** (2013.01)

Citation (search report)

See references of WO 9322255A1

Designated contracting state (EPC)

DE ES FR GB IT

DOCDB simple family (publication)

**WO 9322255 A1 19931111**; EP 0637292 A1 19950208; JP H07505857 A 19950629

DOCDB simple family (application)

**DE 9300360 W 19930423**; EP 93908815 A 19930423; JP 51882593 A 19930423