

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.

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Application

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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.

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