

Title (en)

Semiconductor ceramic having negative resistance/temperature characteristics and semiconductor ceramic component utilizing the same

Title (de)

Halbleitende Keramik mit negativem Temperaturkoeffizienten und diese verwendendes keramisches Halbleiterbauelement

Title (fr)

Céramique semi-conductrice à coefficient de température négative et dispositif semi-conducteur en céramique utilisant celle-ci

Publication

**EP 0723276 A2 19960724 (EN)**

Application

**EP 96100708 A 19960118**

Priority

JP 587095 A 19950118

Abstract (en)

There is provided a semiconductor ceramic having negative resistance/temperature characteristics constituted by a YCaMn type oxide ceramic expressed by the formula  $Y_{1-x}Ca_xMnO_3$  ( $x = 0.2$  to  $0.6$ ). Further, there is provided a semiconductor ceramic component including a ceramic body having negative resistance/temperature characteristics and electrodes formed on the ceramic body. The ceramic body is made of a YCaMn type oxide ceramic expressed by the formula  $Y_{1-x}Ca_xMnO_3$  ( $x = 0.2$  to  $0.6$ ).

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**H01C 7/04**

IPC 8 full level

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CPC (source: EP KR)

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