

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).

IPC 1-7

H01C 7/04

IPC 8 full level

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

CPC (source: EP KR)

H01C 7/043 (2013.01 - EP KR)

Cited by

EP0798275A1; US5879750A; EP0917717A4; US10134512B2

Designated contracting state (EPC)

DE FR GB IT NL

DOCDB simple family (publication)

EP 0723276 A2 19960724; **EP 0723276 A3 19970618**; JP 3141719 B2 20010305; JP H08198674 A 19960806; KR 960030454 A 19960817; TW 293183 B 19961211

DOCDB simple family (application)

EP 96100708 A 19960118; JP 587095 A 19950118; KR 19960000887 A 19960117; TW 85100527 A 19960117