

Title (en)
POSITIVE TEMPERATURE COEFFICIENT THERMISTOR AND THERMISTOR DEVICE USING IT

Title (de)
THERMISTOR MIT POSITIVEM TEMPERATURKOEFFIZIENT

Title (fr)
THERMISTOR A COEFFICIENT POSITIF DE TEMPERATURE

Publication
EP 0749132 A4 19970514 (EN)

Application
EP 95910727 A 19950302

Priority
• JP 9500334 W 19950302
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Abstract (en)
[origin: EP0749132A1] The object is to provide a highly reliable positive temperature coefficient thermistor in which silver does not migrate even in hot and humid environments, and the first distinctive feature of the present invention is that it comprises first electrodes 2a, 2b, 3a, and 3b constituted of silver layers that are formed on both principal sides of the positive temperature coefficient thermistor 1 in such a way that the edges thereof recede inward from the outer rims of the positive temperature coefficient thermistor 1, and second electrodes 4a and 4b which contain aluminum and are formed in such a way as to cover the exposed surfaces of the first electrodes. <IMAGE>

IPC 1-7
H01C 7/02

IPC 8 full level
H01C 1/14 (2006.01)

CPC (source: EP)
H01C 1/1406 (2013.01)

Citation (search report)
• [YA] EP 0500955 A1 19920902 - KOMATSU MFG CO LTD [JP]
• [A] EP 0443618 A2 19910828 - MURATA MANUFACTURING CO [JP]
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• [DY] PATENT ABSTRACTS OF JAPAN vol. 017, no. 460 (E - 1419) 23 August 1993 (1993-08-23)
• See references of WO 9524046A1

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