

Title (en)
ELECTRICAL DEVICE COMPRISING CONDUCTIVE POLYMERS

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Application
EP 88909937 A 19880930

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Abstract (en)
[origin: WO8903162A1] Circuit protection systems which comprise a PTC resistor (1) and a second resistor (6), e.g. a thick film resistor (6), which is thermally and electrically connected to the PTC resistor have a break current IB and a hold current IH such that the ratio IB/IH is at most 20. Suitable PTC resistors (1) are conductive polymer devices which comprise a PTC element (10) which has been radiation crosslinked under conditions such that the average dose rate is at most 3.0 Mrad/minute or during which no part of the PTC element (10) which is in contact with the electrodes (2, 3) reaches a temperature greater than (Tm-60) DEG C, where Tm is the melting point of the polymeric component of the conductive polymer (10).

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CPC (source: EP KR)
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• See references of WO 8903162A1

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