

Title (en)  
Current limiting resistor with PTC-behaviour

Title (de)  
Strombegrenzender Widerstand mit PTC-Verhalten

Title (fr)  
Résistance de limitation de courant à comportement PTC

Publication  
**EP 0798750 B1 20050504 (DE)**

Application  
**EP 97810116 A 19970303**

Priority  
DE 19612841 A 19960330

Abstract (en)  
[origin: EP0798750A2] The resistance has a pair of parallel terminal electrodes (1,2) in flat contact with a resistance body (3) which has a positive temperature coefficient characteristic. A varistor (40) lies in electrical contact with the resistance body which has 2 contact surfaces (50,51). The response point (60) of the resistance body is connected in parallel with the varistor through the surfaces. A number of series connected varistors (41,42,43,44) may contact respective meanders of a zigzag resistance body between the parallel terminal electrodes via respective contact surfaces (52,53).

IPC 1-7  
**H01C 7/13**; **H01C 7/12**; **H01C 7/02**; **H01C 13/02**

IPC 8 full level  
**H01C 1/14** (2006.01); **H01C 7/02** (2006.01); **H01C 7/12** (2006.01); **H01C 7/13** (2006.01); **H01C 13/02** (2006.01)

CPC (source: EP US)  
**H01C 1/1406** (2013.01 - EP US); **H01C 7/027** (2013.01 - EP US); **H01C 7/12** (2013.01 - EP US); **H01C 7/13** (2013.01 - EP US);  
**H01C 13/02** (2013.01 - EP US)

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DE FR GB

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**EP 0798750 A2 19971001**; **EP 0798750 A3 19981202**; **EP 0798750 B1 20050504**; DE 19612841 A1 19971002; DE 59712291 D1 20050609;  
JP H1022109 A 19980123; US 5861795 A 19990119

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