

Title (en)  
Resistor

Title (de)  
Widerstand

Title (fr)  
Résistance

Publication  
**EP 0677855 B1 19980114 (DE)**

Application  
**EP 95105563 A 19920131**

Priority  

- DE 4104709 A 19910215
- EP 92101601 A 19920131

Abstract (en)  
[origin: EP0499100A2] In order to manufacture completely ready-made (that is to say provided with connecting wires) self-stabilising resistors having PTC elements as active parts, such as those resistors especially on coil windings, such as those used by electric motors, the invention provides a method according to which bearing surfaces and covering surfaces for the PTC elements are stamped out on a metallic supporting strip, a PTC element is placed on each bearing surface and is attached, the covering surface being bent over the PTC element, the bearing surfaces and covering surfaces being provided with connecting wires, and the covering surfaces and bearing surfaces being separated from the remaining supporting strip.

IPC 1-7  
**H01C 1/14**

IPC 8 full level  
**H01C 7/02** (2006.01); **H01C 1/14** (2006.01); **H01C 17/00** (2006.01); **H01C 17/28** (2006.01)

CPC (source: EP US)  
**H01C 1/1406** (2013.01 - EP US); **H01C 17/28** (2013.01 - EP US); **Y10T 29/49085** (2015.01 - EP US); **Y10T 29/49101** (2015.01 - EP US)

Designated contracting state (EPC)  
AT DE FR GB IT

DOCDB simple family (publication)  
**EP 0499100 A2 19920819; EP 0499100 A3 19930421; EP 0499100 B1 19960508**; AT E137883 T1 19960515; AT E162332 T1 19980115;  
DE 4104709 A1 19920820; DE 59206205 D1 19960613; DE 59209141 D1 19980219; EP 0677855 A1 19951018; EP 0677855 B1 19980114;  
JP 3270097 B2 20020402; JP H05226121 A 19930903; US 5239745 A 19930831

DOCDB simple family (application)  
**EP 92101601 A 19920131**; AT 92101601 T 19920131; AT 95105563 T 19920131; DE 4104709 A 19910215; DE 59206205 T 19920131;  
DE 59209141 T 19920131; EP 95105563 A 19920131; JP 2792192 A 19920214; US 83535292 A 19920214