

Title (en)  
MANUFACTURING METHOD OF A SELF-REGULATING HEATING ELEMENT

Publication  
**EP 0234608 B1 19920902 (DE)**

Application  
**EP 87200052 A 19870116**

Priority  
NL 8600142 A 19860123

Abstract (en)  
[origin: US4835370A] A self-regulating heating element having a resistor with a positive temperature coefficient as a heat source, the resistor(s) being located within a thermoplastic casing between metal parts which it (they) contact(s) in a heat-exchanging manner. For safety the element is provided with a double insulation: one part which is manufactured by moulding and which is, secondly, provided internally and/or externally with a layer of an elastomer by means of a solution.

IPC 1-7  
**H05B 3/14**; **H05B 3/42**

IPC 8 full level  
**H05B 3/14** (2006.01); **H05B 3/42** (2006.01)

CPC (source: EP KR US)  
**H05B 3/00** (2013.01 - KR); **H05B 3/14** (2013.01 - EP US)

Citation (examination)  
• DE 2614433 C3 19811001  
• DE 2641894 B2 19780518

Cited by  
EP3101999A1

Designated contracting state (EPC)  
BE CH DE FR GB IT LI

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**EP 0234608 A1 19870902**; **EP 0234608 B1 19920902**; CA 1281532 C 19910319; DE 3781426 D1 19921008; DK 28887 A 19870724; DK 28887 D0 19870120; JP S62172683 A 19870729; KR 870007641 A 19870820; NL 8600142 A 19870817; US 4835370 A 19890530

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**EP 87200052 A 19870116**; CA 527650 A 19870120; DE 3781426 T 19870116; DK 28887 A 19870120; JP 916987 A 19870120; KR 870000415 A 19870120; NL 8600142 A 19860123; US 16542888 A 19880301