

Title (en)  
THERMOSTATIC SWITCH

Publication  
**EP 0201680 A3 19890503 (DE)**

Application  
**EP 86102968 A 19860306**

Priority  
DE 8513890 U 19850510

Abstract (en)  
[origin: EP0201680A2] A thermostatic switch has a circular, concave or convex curved bimetallic disc, which is supported with its edge on a housing part and whose central region acts directly or indirectly on a contact tongue. In its central region, the bimetallic disc deviates from its radius of curvature, and in particular this results in a contrary concave or convex curvature with a smaller radius of curvature. By means of this special forming, jumping back is prevented if the temperature is lower than the resetting temperature, this no longer being desired for particular applications. As a result of this property, the thermostatic switch is to be reset to its original state again exclusively by external mechanical influence, while the forming according to the invention has no adverse effect on the correct operation of the bimetallic disc on reaching the switching temperature.  
<IMAGE>

IPC 1-7  
**H01H 37/54**

IPC 8 full level  
**H01H 37/54** (2006.01)

CPC (source: EP)  
**H01H 37/54** (2013.01); **H01H 37/5409** (2013.01)

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[X] FR 1570321 A 19690606

Cited by  
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**DE 8513890 U1 19850620**; EP 0201680 A2 19861120; EP 0201680 A3 19890503; ES 296878 U 19880216; ES 296878 Y 19881116

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