

Title (en)
BIMETAL CONTROLLER

Title (de)
BIMETALLREGLER

Title (fr)
RÉGULATEUR BILAME

Publication
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Application
EP 11728843 A 20110701

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Abstract (en)
[origin: WO2012004197A1] The invention relates to a bimetallic controller, comprising a switching device (2) and at least one bimetal device (4) which is or can be actively connected to the switching device (2) such as to allow the switching device (2) to be switched in a temperature-dependent fashion. The bimetal device (4) comprises at least one first bimetal element (6) and at least one curved second bimetal element (8) that are connected to each other in a zone of contact (14) and are designed in said zone of contact (14) such that the coefficient of thermal expansion of the first bimetal element (6) increases from its bottom (21) to the top (23) and the coefficient of thermal expansion of the curved second bimetal element (8) decreases from its bottom (21') to the top (23'), or vice versa.

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See references of WO 2012004197A1

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