

Title (en)
IMPROVEMENTS RELATING TO THERMALLY-RESPONSIVE CONTROLS

Title (de)
TEMPERATURABHÄNGIGE STEUERUNG

Title (fr)
AMELIORATIONS CONCERNANT DES COMMANDES THERMOSENSIBLES

Publication
EP 1173863 A1 20020123 (EN)

Application
EP 00920934 A 20000425

Priority
• GB 0001581 W 20000425
• GB 9909563 A 19990426

Abstract (en)
[origin: GB2349508A] A bimetallic actuator has a dished, snap-acting, bimetal 30 held in a spring metal carrier (10, figs 2A and B) which is adapted to be biased against a heated surface with a force sufficient to flatten the bimetal. The carrier may be arranged to deform under the application of this force and thus apply stresses to the bimetal to raise its operating temperature above that which it would operate in a stand alone condition. The carrier may also space the bimetal periphery from the heated surface (see pips 22) so that additional movement is obtained from the bimetal when it snaps to its opposite curvature.

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H01H 37/54

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