



(11) **EP 2 091 060 A3**

(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:
24.03.2010 Bulletin 2010/12

(51) Int Cl.:
H01H 61/01 (2006.01) H01H 61/02 (2006.01)
H01H 71/16 (2006.01) H01H 71/74 (2006.01)

(43) Date of publication A2:
19.08.2009 Bulletin 2009/34

(21) Application number: **08017805.6**

(22) Date of filing: **10.10.2008**

(84) Designated Contracting States:
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR
Designated Extension States:
AL BA MK RS

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(30) Priority: **13.02.2008 JP 2008032184**

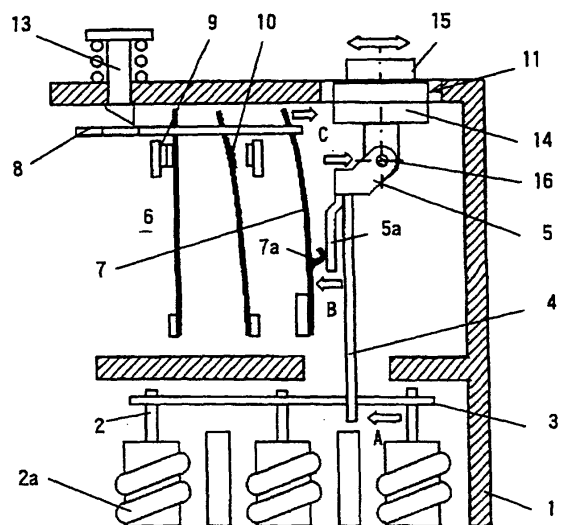
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(54) **Thermally operated overload relay**

(57) Disclosed is a thermally operated overload relay installing a linked assembly in an outer casing (1), the assembly comprising a main bimetal (2) that bends receiving heat due to electric current flowing in a main circuit, a shifter (3) that displaces responsively to the bend of the main bimetal (2), a release lever (5) that links to the shifter and opposes a reversing spring (7) for driving a contact switching mechanism (6), and an adjusting dial that positions the release lever corresponding to setting of a trigger current value; output contacts of the contact switching mechanism being switched upon detecting the bend of the main bimetal (2) due to development of an overcurrent. The adjusting dial composed of a slider (14) and is directly coupled to the release lever (5) to form a monolithic structure, and the slider (14) is operated to position the release lever (5) corresponding to setting of the trigger current value and fastened by a fastening screw (15).

FIG. 1



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EUROPEAN SEARCH REPORT

Application Number
EP 08 01 7805

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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
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The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (IPC)
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Place of search		Date of completion of the search	Examiner
Munich		15 February 2010	Nieto, José Miguel
CATEGORY OF CITED DOCUMENTS		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document			

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EPO FORM 1503 03.82 (P04C01)

**ANNEX TO THE EUROPEAN SEARCH REPORT
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