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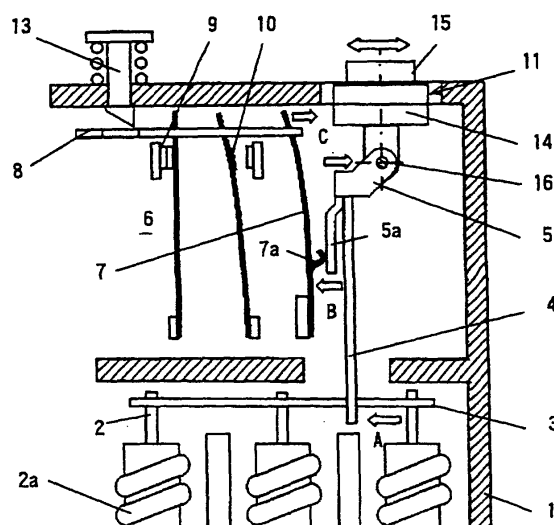
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(54) **Thermally operated overload relay**

(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





EUROPEAN SEARCH REPORT

Application Number
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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 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 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			

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**ANNEX TO THE EUROPEAN SEARCH REPORT
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