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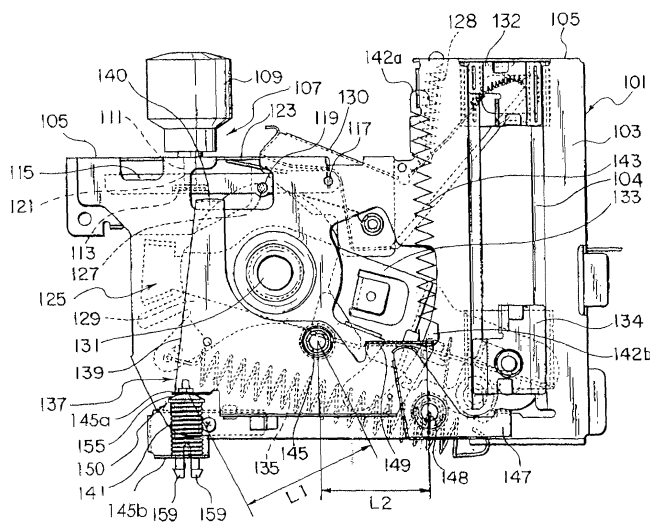
(54) **Disengagement linkage mechanism of extinction device for burner**

(57) An extinction device for a burner is so constructed that precision of the operation of the extinction device can be heightened even when a shape memory coiled spring (141) is used as a temperature sensor.

An extinction device comprises a swinging linkage (139) which is held free to rotate around a rotation center (145), a shape memory coiled spring (141) arranged, in an compressed condition, between the swinging linkage (139) and a second base (145b) provided on a frame (101) to generate a spring force to rotate the swinging

linkage (139) in one direction around a rotation center (145), and a bias spring (143) arranged, in an expanded condition, between the swinging linkage (139) and a second fixed portion of the frame (101) to generate a spring force to rotate the swinging linkage (139) in the other direction around the rotation center (145). Such a spring is used for a shape memory coiled spring (141). The coiled spring (141) has a characteristic to give, to the swinging linkage, a torque larger than a torque given a spring force of a bias spring 143, when the circumference temperature exceeds a predetermined level.

FIG. 1



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EUROPEAN SEARCH REPORT

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The present search report has been drawn up for all claims			
Place of search MUNICH		Date of completion of the search 9 July 2002	Examiner Theis, G
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**ANNEX TO THE EUROPEAN SEARCH REPORT
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