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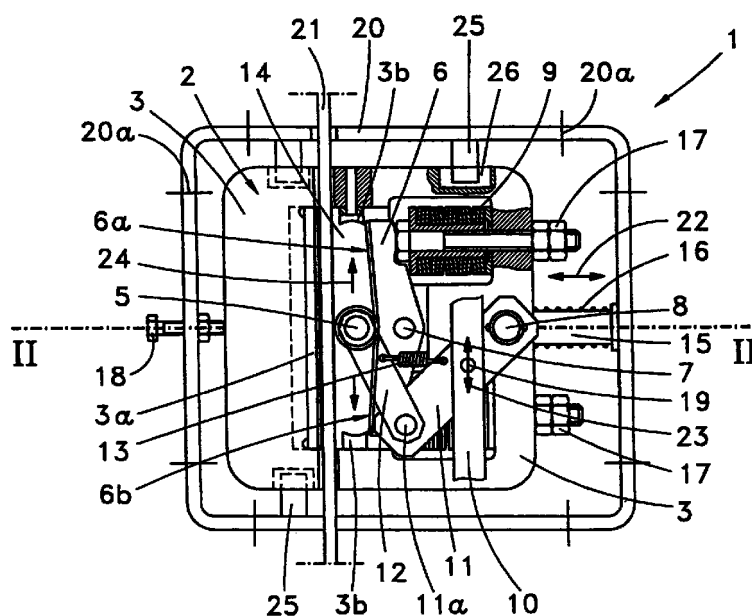
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(54) **Safety braking device for an elevator**

(57) The cabin braking device (1) is the caliper type (3), which straddles the rail (21) and has its housing (20) secured to the cabin. It is operated by a lever (10) in both the upward and downward direction in the event of overspeed, and it is provided with a mechanism (5,11,12,13) for operating the caliper (3), a pivoting wedge (6) moved by roller (5) in one direction or the

other, and roller (5) travel stops (3a) and springs (9) to adjust the braking force in either direction independently. The braking device components form a single and indivisible active part (2) in the housing (20), which moves (22) in relation to the latter.



**FIG. 1**

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# EUROPEAN SEARCH REPORT

Application Number  
EP 99 50 0075

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Y	* page 2, column 1, line 41 - line 46 * * page 3, column 3, line 19 - line 23; figures 1,2A *	2-4	
Y	--- JP 62 205983 A (HITACHI LTD) 10 September 1987 (1987-09-10) * figures 1,2 *	2	
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A	* page 2, column 2, line 51 - line 54 * * page 3, column 3, line 12 - line 14 *	1	
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The present search report has been drawn up for all claims			
Place of search <b>THE HAGUE</b>		Date of completion of the search <b>18 October 2000</b>	Examiner <b>Nelis, Y</b>
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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