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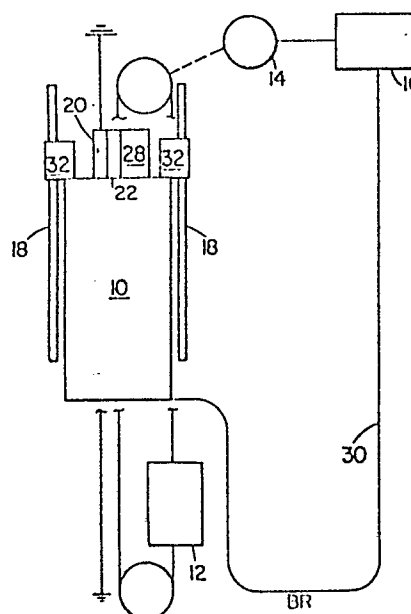
84 Designated Contracting States: **CH DE FR GB LI NL SE**

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54 **Elevator brake and safety.**

57 Two hydraulically controlled brakes (32) are attached to an elevator car (10) and each engages a guide rail (18). Each brake (32) is applied by a spring (40). The spring is compressed to release the brake, by actuating hydraulic cylinders (31a) through an electromechanically operated master cylinder (31) that responds to a signal from the motor control (16). An electromechanical release valve (52) is operated by a governor (22), when an overspeed condition exists to quickly release the pressure in the cylinders applying the brake.



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EUROPEAN SEARCH REPORT

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Application number

EP 85 40 2282

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.4)
X	GB-A- 345 035 (ASSOCIATED ELECTRICAL INDUSTRIES) * Page 1, line 101 - page 2, line 9; page 2, lines 60-107; page 3, lines 44-82; figures 1,2 *	1-4	B 66 B 5/18

X	US-A-2 925 151 (CHANDLER) * Figures 3,4; column 1, lines 38-55; column 3, line 30 - column 4, line 64 *	1-4	

A	US-A-2 122 943 (JAECKEL) * Page 1, column 2, line 15 - page 2, column 1, line 47; page 2, column 2, line 53 - page 3, column 1, line 5; figure *	1-4	

A	GB-A- 377 059 (WESTINGHOUSE) * Figures 1,3; page 1, lines 28-49; lines 80-104; page 2, line 118 - page 3, line 121 *	1-4	TECHNICAL FIELDS SEARCHED (Int. Cl.4) B 66 B

A	US-A-1 803 762 (MARKS) * Figures 1,5; page 1, lines 79-100; page 2, line 128 - page 3, line 5; page 3, line 47 - page 4, line 34 *	1-4	

The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 31-08-1987	Examiner CLEARY F.M.
<p>CATEGORY OF CITED DOCUMENTS</p> <p>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</p> <p>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</p> <p>& : member of the same patent family, corresponding document</p>			