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(71) Applicant: **KONE OY
SF-00330 Helsinki 33 (FI)**

(72) Inventors:
• **Aulanko, Esko
FI-04230 Kerava (FI)**
• **Hakala, Harri
FI-05830 Hyvinkää (FI)**
• **Mustalahti, Jorma
FI-05620 Hyvinkää (FI)**

(74) Representative: **Zipse + Habersack
Kemnatenstrasse 49
D-80639 München (DE)**

(54) Elevator machinery and its installation

(57) An elevator machinery (1) with a disc type motor is mounted on one of the guide rails (6) of the elevator car or counterweight. The guide rail (6) constitutes a part adding to the mechanical strength of the elevator machinery. The vertical forces applied to the traction sheave (4) by the elevator ropes are passed to the guide rail (6) via the rolling center of a bearing. The elevator machinery is provided with a damping system to absorb vibrations and oscillations. The elevator machinery (1) of the invention is light in weight, needs only a small space when mounted and is inexpensive to manufacture.

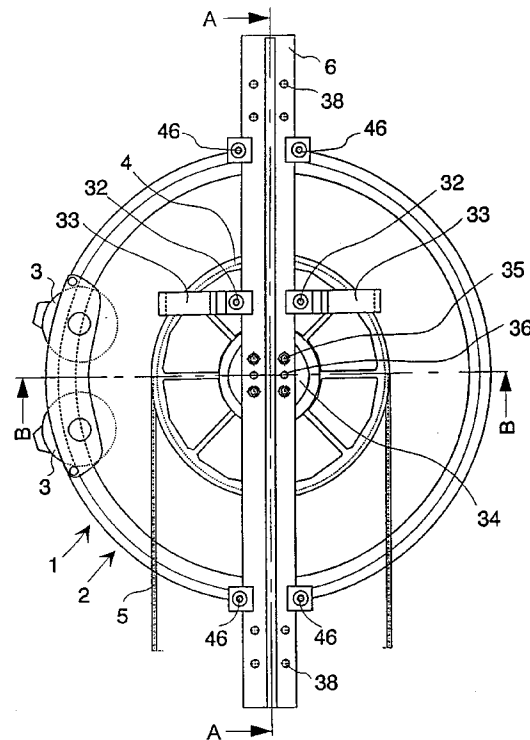


Fig. 1

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EUROPEAN SEARCH REPORT

Application Number
EP 95 10 9094

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.6)
X	US-A-2 088 690 (CRISPEN) 3 August 1937 * page 1, line 42 - page 2, line 17; figures 1-4 *	1-4	B66B11/04
A	--- US-A-5 018 603 (ITO HIROYASU) 28 May 1991 * column 2, line 40 - line 68; figures 4-7 *	1-10	
A	--- US-A-4 664 230 (OLSEN LAWRENCE O) 12 May 1987 * column 4, line 4 - line 19; figures 1-5 * -----	1-10	
The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (Int.Cl.6)
			B66B
Place of search		Date of completion of the search	Examiner
THE HAGUE		8 March 1996	Sozzi, R
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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