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(54) **Energy saving device for an elevator**

(57) The invention relates to a system for the supply of energy in an elevator, in which system the elevator motor (1) is fed by a frequency converter (15) comprising a rectifier (3), an inverter bridge (2) and an intermediate circuit (4,10,11) between them. A direct voltage converter (5) is used to convert a large intermediate voltage to a level suitable for a battery (6) and the elevator's braking energy is supplied into the battery (6). The battery (6) is connected to supply power to other elevator equipment (7,8,9) except the drive motor (1).

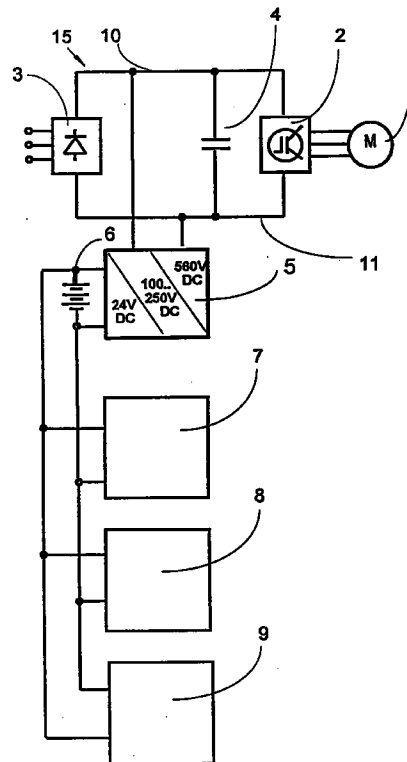


FIG: 1

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EUROPEAN SEARCH REPORT

Application Number  
EP 95 11 4463

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)
A	PATENT ABSTRACTS OF JAPAN vol. 18, no. 87 (M-1559), 14 February 1994 & JP-A-05 294568 (HITACHI LTD), 9 November 1993, * abstract *	1,2	B66B11/00 B66B5/02 B66B1/30
A	--- GB-A-2 105 128 (MITSUBISHI DENKI KK) * page 2, line 1 - line 4 * * page 2, line 47 - line 57 * * page 2, line 67 - line 76 * * figures *	1-4	
A	--- GB-A-2 139 831 (MITSUBISHI DENKI KK) * page 1, line 31 - line 44 * * figure 2 *	1-4	
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			TECHNICAL FIELDS SEARCHED (Int.Cl.6)
			B66B
The present search report has been drawn up for all claims			
Place of search		Date of completion of the search	Examiner
THE HAGUE		7 October 1996	Salvador, D
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X : particularly relevant if taken alone		T : theory or principle underlying the invention	
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