



Europäisches Patentamt
European Patent Office
Office européen des brevets



(11) **EP 1 270 488 A3**

(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:
22.01.2003 Bulletin 2003/04

(51) Int Cl.7: **B66B 11/04, B66B 11/00**

(43) Date of publication A2:
02.01.2003 Bulletin 2003/01

(21) Application number: **02013883.0**

(22) Date of filing: **24.06.2002**

(84) Designated Contracting States:
**AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU
MC NL PT SE TR**
Designated Extension States:
AL LT LV MK RO SI

(71) Applicant: **INVENTIO AG**
CH-6052 Hergiswil (CH)

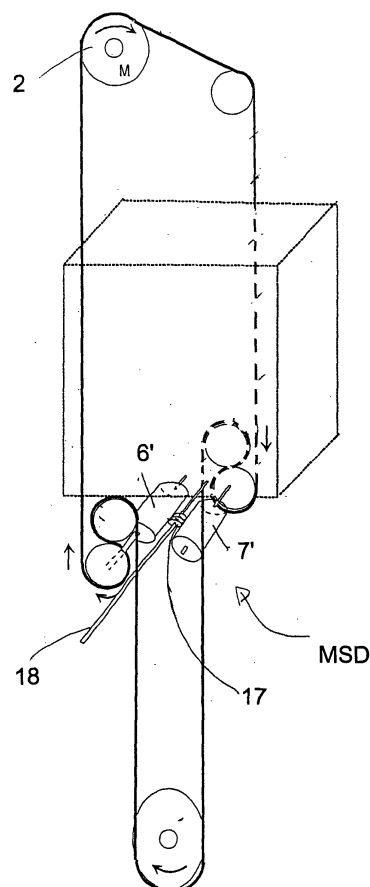
(72) Inventors:
• **Rossignol, Eric**
6648 Minusio (CH)
• **Angst, Philipp**
6300 Zug (CH)

(30) Priority: **28.06.2001 EP 01810627**

(54) **Elevator driving means**

(57) The invention concerns an elevator installation with a car (8), which is moved by a motor by means of a closed rope (1) running on an upper pulley (2) and on a lower pulley (3), whereby the closed rope (1) comprises a first rope portion (9) and a second rope portion (10), wherein a gear box (GB) interacting with the first rope portion (9) and with the second rope portion (10) is arranged on the car (8). A car speed control independently from the motor speed is achieved on the car itself.

Fig. 5



EP 1 270 488 A3



European Patent
Office

EUROPEAN SEARCH REPORT

Application Number
EP 02 01 3883

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.7)
X	DE 62 679 C (CARL HEINRICH WILHELM REICHEL) 10 June 1892 (1892-06-10)	1-6	B66B11/04
A	* page 1, left-hand column - right-hand column, line 14; figures 1,2 *	7-10	B66B11/00
Y	---	11-14	
X	US 5 904 466 A (HOEFFGES PETER ET AL) 18 May 1999 (1999-05-18)	1-6	
A	* abstract; figures 3-7 *	7-10	
Y	---		
Y	GB 633 213 A (DOUGLAS GORDON HUNTER;HAMMOND & CHAMPNESS LTD) 12 December 1949 (1949-12-12)	11	
A	* page 1, line 20-25; figure 1 *	1	
Y	---		
Y	US 5 699 879 A (SAKITA MASAMI) 23 December 1997 (1997-12-23)	12	
A	* abstract; figure 3 *	1	
Y	---		
Y	CH 423 148 A (SCHWERMASCH KIROW VEB K) 31 October 1966 (1966-10-31)	13,14	TECHNICAL FIELDS SEARCHED (Int.Cl.7)
A	* figure 2 *	1	B66B

The present search report has been drawn up for all claims			
Place of search		Date of completion of the search	Examiner
THE HAGUE		27 September 2002	Janssens, G
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			

EPO FORM 1503 03/82 (P04C01)

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 02 01 3883

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
The members are as contained in the European Patent Office EDP file on
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

27-09-2002

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
DE 62679	C		NONE	
US 5904466	A	18-05-1999	EP 0902399 A1	17-03-1999
GB 633213	A	12-12-1949	NONE	
US 5699879	A	23-12-1997	AU 1996097 A	13-11-1997
			CA 2202842 A1	06-11-1997
			GB 2312886 A	12-11-1997
			JP 10045350 A	17-02-1998
CH 423148	A	31-10-1966	NONE	