(11) **EP 1 148 019 A3**

EUROPEAN PATENT APPLICATION

(88) Date of publication A3: **12.06.2002 Bulletin 2002/24**

(51) Int Cl.⁷: **B66B 9/08**

(43) Date of publication A2: **24.10.2001 Bulletin 2001/43**

(21) Application number: 01107420.0

(22) Date of filing: 27.03.2001

(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

(30) Priority: 17.04.2000 IT MI000864

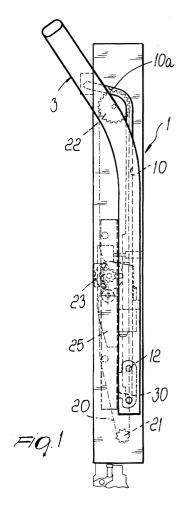
(71) Applicant: VIMEC S.p.A. 42045 Luzzara (Emilia) (IT)

(72) Inventor: Cavicchioli, Donato 46029 Suzzara (Mantova) (IT)

(74) Representative: Modiano, Guido, Dr.-Ing. et al Modiano & Associati SpA Via Meravigli, 16 20123 Milano (IT)

(54) Stairlift for disabled people

(57) An apparatus for transporting disabled people on stairs and the like, comprising a supporting frame which can slidingly engage guides which are connected to a fixed structure. A tilting platform (2) for supporting the passenger and at least one safety bar (3) are connected to the supporting frame; the bar is movable from a raised position to allow passenger access and descent to a position of minimum space occupation in which it is adjacent to the supporting frame. The apparatus further comprises crush-prevention means (30) of the bar (3) which are adapted to provide an elastic yielding of the at least one safety bar (3) if there is an obstacle between the at least one safety bar and the supporting frame.



EP 1 148 019 A3



EUROPEAN SEARCH REPORT

Application Number EP 01 10 7420

Category	Citation of document with indic		Relevant	CLASSIFICATION OF THE
Y	of relevant passag GB 1 530 715 A (REUS 1 November 1978 (1978	BV J DE) -11-01)	1,3,6	B66B9/08
A	* the whole document	*	2,4,5,7	
Y	EP 0 236 600 A (LIFT 16 September 1987 (19 * abstract; figures 1 * page 4, column 6, 1	87-09-16) ,12 *	1,3,6	
				TECHNICAL FIELDS SEARCHED (Int.CI.7)
				B66B A61G
	The present search report has been	n drawn up for all claims		
Place of search		Date of completion of the search 22 April 2002		Examiner
THE HAGUE 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		T : theory or prin E : earlier patent after the filing D : document clt L : document clt	22 April 2002 Nelis, T: theory or principle underlying the inventic E: earlier patent document, but published o after the filing date D: document cited in the application L: document cited for other reasons	

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

EP 01 10 7420

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.

22-04-2002

	Patent documer cited in search rep		Publication date		Patent family member(s)	Publication date
GB	1530715	A	01-11-1978	NL BE DE FR SE SE	7508561 A 844237 A2 2545249 A1 2318095 A1 399546 B 7511364 A	19-01-1977 17-01-1977 03-02-1977 11-02-1977 20-02-1978 18-01-1977
EP	0236600	Α	16-09-1987	EP US	0236600 A1 4576539 A	16-09-1987 18-03-1986

For more details about this annex : see Official Journal of the European Patent Office, No. 12/82