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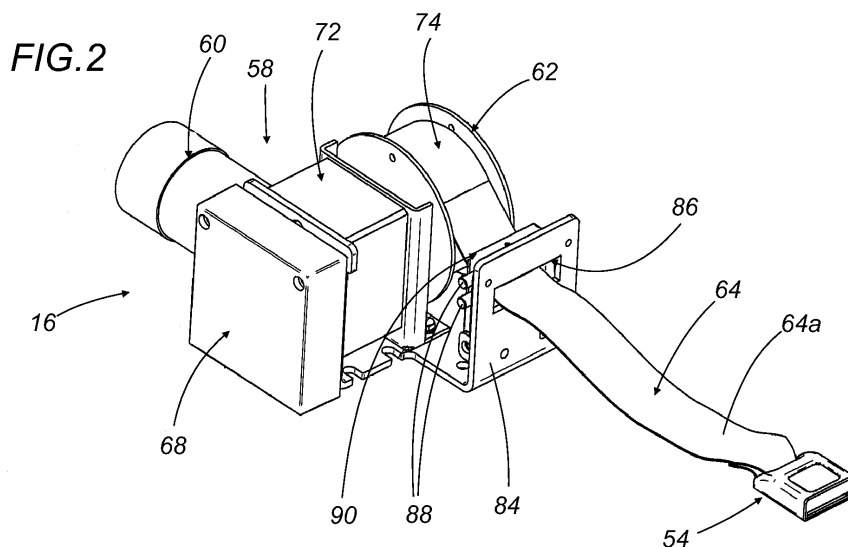
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(54) **A power transfer device for wheelchair mobility on inclined planes**

(57) A power transfer device for the mobility of a wheelchair for the physically challenged on inclined planes comprises a winch (58) driven by a motor (60). The winch (58) comprises a belt reel (62) rotationally connected to the motor (60), a drive belt (64) wound round the reel (62) and equipped with at least one hook (66)

for fastening to the wheelchair (2), and a control unit (68) for driving the motor (60). The power transfer device also comprises a command device (70) which can be connected to the control unit (68) and which can be operated manually by a user in order to allow the user to adjust the advancing speed of the wheelchair (2) in real time.





EUROPEAN SEARCH REPORT

Application Number
EP 12 17 9466

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
X	US 5 553 548 A (EATON KENNETH C [CA]) 10 September 1996 (1996-09-10)	1-5,7	INV. A61G3/06 A61G3/08 B60P1/43 B66B9/06
Y	* figures * * column 5, line 35 - column 5, line 48 * * column 10, line 46 - column 10, line 54 *	6,8	
Y	----- GB 2 451 154 A (BROTHERWOOD RODNEY JOHN [GB]) 21 January 2009 (2009-01-21) * figures 6,7 * * page 9, line 15 - page 11, line 6 * -----	6,8	
The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (IPC)
			A61G B60P B66B
Place of search		Date of completion of the search	Examiner
The Hague		3 September 2013	Edlauer, Martin
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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**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

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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
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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 5553548 A	10-09-1996	CA 2173892 A1 US 5553548 A	13-10-1996 10-09-1996
GB 2451154 A	21-01-2009	AT 494873 T ES 2359539 T3 GB 2451154 A	15-01-2011 24-05-2011 21-01-2009

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