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(54) **Back-up apparatus for use in rope access**

(57) Back-up apparatus for use in climbing comprising is disclosed. It has particular application to rope access climbing, but may find application in other fields. The apparatus includes a slider (22) that can be applied to a back-up line (20). The slider has an attachment formation (38) by which it can be connected to a lanyard (32). The slider (22) is operative, upon application of a load on a downward direction through a lanyard so connected, to grab onto a line to which it is applied. A drawing line (40) is connected to the slider (20) by which it the slider may be drawn downwardly along a line to which it is applied. A handle (42) connected to the drawing line (40) that can be grasped by a climber, the handle having a release means that can be operated by a climber to cause the handle to release its connection with the drawing line.

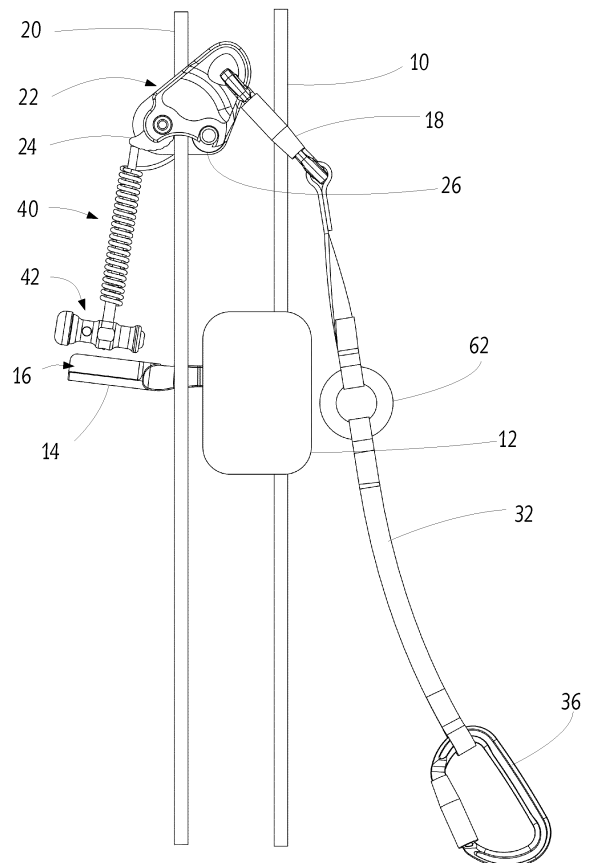


Fig 1



EUROPEAN SEARCH REPORT

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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	Wild Country: "Wild Country Ropeman Ascender", 24 May 2010 (2010-05-24), XP002771756, Retrieved from the Internet: URL:www.elagage-hevea.com/marques-elagage/ product/download/file_id-2259.html [retrieved on 2017-07-05] * figures *	1,8-10, 14,15	INV. A62B1/14
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A	US 5 664 640 A (SMITH DANIEL I [US]) 9 September 1997 (1997-09-09) * column 3, line 45 - line 59; figures *	1-15	
			TECHNICAL FIELDS SEARCHED (IPC)
			A62B
The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 7 July 2017	Examiner Vervenne, Koen
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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5 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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07-07-2017

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