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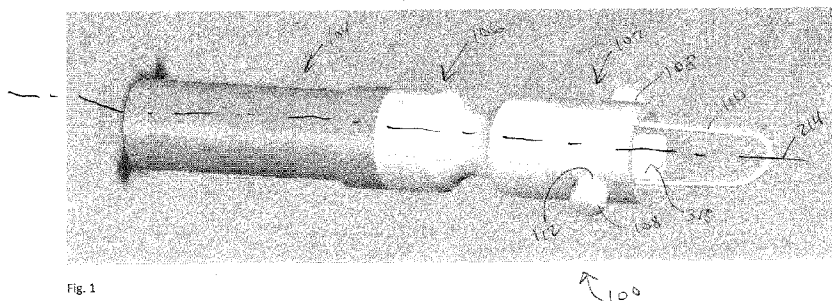


Fig. 1

(57) Abstract: A force absorbing device is provided for use with a walking aid having proximal and distal tubes arranged in a telescoping configuration for relative movement there between along a longitudinal axis. A proximal end member is affixed within a hollow bore of the proximal tube with no relative movement between the proximal tube and the proximal end member. A distal end member is longitudinally spaced from the proximal end member and affixed to a proximal end of the distal tube with no relative movement between the distal tube and the distal end member. A resilient damper is located longitudinally between, and affixed to both of, the proximal and distal end members. The resilient damper compresses under a compressive force to absorb at least a portion of the compressive force while permitting relative longitudinal movement between the proximal and distal tubes.



## INTERNATIONAL SEARCH REPORT

International application No.  
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According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

A61H 3/00; F16F 7/00; A45B 9/04; A61H 3/02

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Korean utility models and applications for utility models  
Japanese utility models and applications for utility models

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

eKOMPASS(KIPO internal) &amp; Keywords: force absorbing, walking aid, telescoping configuration, relativement movement, tube, resilient damper.

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y A	US 5,564,451 A (HAGBERG, NILS G.) 15 October 1996 See col. 2, lines 61-62; col. 3, lines 17-24 and 41-43; col. 5, lines 7-23; claims 6-8 and 16; and figures 1 and 3.	1-4, 8-12, 16-17, 20 5-7, 13-15, 18-19
Y	US 2004-0025926 A1 (GIN, JEREMY et al.) 12 February 2004 See paragraphs [0057] and [0060]-[0064]; claims 1-6 and 14-20; and figures 6C-8C.	1-4, 8-12, 16-17, 20
Y	WO 98-42292 A1 (LIFELYNX INC.) 01 October 1998 See page 12, line 29 - page 13, line 4; page 13, lines 19-28; page 14, lines 3-12; claims 1, 5, and 9; and figures 11-13.	1, 3-4, 9, 11-12, 17
A	US 6,055,998 A (BADER, MICHAEL) 02 May 2000 See col. 3, lines 35-59; col. 4, lines 36-41; claims 1-2 and 6-7; and figures 2, 4, and 7.	1-20
PX	US 2011-0209733 A1 (BASHAM, MARSHALL AARON VAUGHN) 01 September 2011 See paragraphs [0048]-[0050] and [0056]-[0064]; claims 1, 4-5, and 7-8; and figures 1-2 and 6.	1, 3-4, 9, 11-12, 17

 Further documents are listed in the continuation of Box C. See patent family annex.

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Information on patent family members

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