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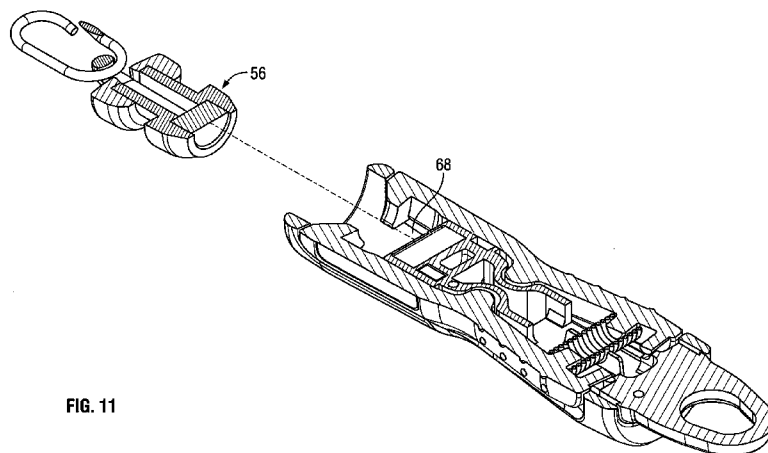


FIG. 11

(57) Abstract: The present invention pertains generally two mechanical connectors for connection of two components designed to enable single handed operation. The connector comprises a female body having a longitudinal axis comprising a first body portion and a second body portion arranged to communicate to define a receiving chamber for receipt of a male engaging member. At least one retaining clip is provided for retaining a male engaging member in the receiving chamber, the at least one retaining clip being moveable between an opening configuration for receipt of a male engaging member and a closed configuration for restraining movement of a male engaging member in the longitudinal axis. The first and second body portion are arranged to retain the at least one clip there between. This enables fast assembly of a light weight, effective connector.



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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

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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)

F16B A01K

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

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

EP0-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2007/231059 A1 (MULLANEY MICHAEL W [US]) 4 October 2007 (2007-10-04)	1,5-26
Y	paragraph [0033] - paragraph [0038]; figures 2,3	2-4

X	US 5 309 609 A (JANISZEWSKI JOSEPH L [US] ET AL) 10 May 1994 (1994-05-10)	1,6-10, 14,15, 22,24-26
A	column 3, line 8 - line 56; figures 1,3	18

X	US 6 340 180 B1 (WISNIEWSKI DAVID M [US]) 22 January 2002 (2002-01-22)	1,5,6,8, 10,11, 13, 15-18, 20,23-26
	column 3, line 47 - column 5, line 2; figures 1,2	

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Further documents are listed in the continuation of Box C.



See patent family annex.

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INTERNATIONAL SEARCH REPORT

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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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INTERNATIONAL SEARCH REPORT

Information on patent family members

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