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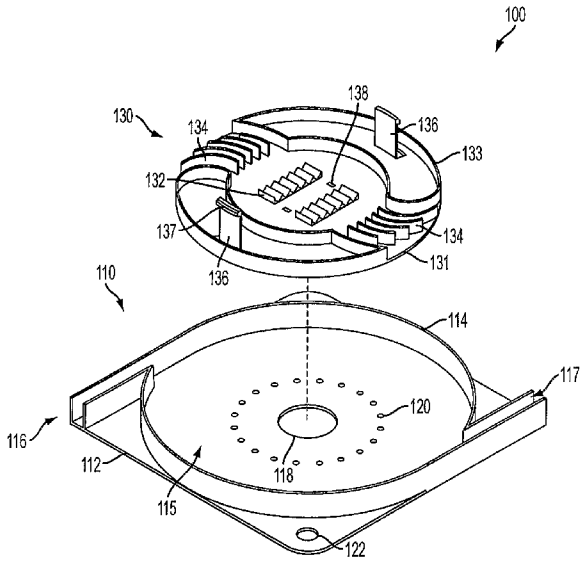
— *with international search report*

— *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*

(88) Date of publication of the international search report:
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(54) Title: STORAGE DEVICE FOR USE IN FIBER OPTIC COMMUNICATION SYSTEMS AND METHOD OF USING THE SAME



(57) Abstract: A storage device for storing cable or fiber, rotating element, and method of using the same are provided. The storage device includes a housing, having an inner cavity and at least one opening; and a rotating element which is rotatably and removeably placed within the inner cavity and has at least one receptacle. The rotating element includes a base member; a receptacle for holding at least one splice sleeve containing a sliced fiber; and a plurality of guide ridges, which are disposed on the base member, one of the plurality of guide ridges disposed at either end of each of the at least one receptacle. The method includes placing the fiber or cable into the receptacle; draping excess fiber or cable through guide fins; and rotating the rotating element to retract or dispense the excess fiber or cable into or out of the storage device through the at least one opening in the housing.

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INTERNATIONAL SEARCH REPORT

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PCT/US06/29650

A. CLASSIFICATION OF SUBJECT MATTER
IPC: **B65H 75/38**(2006.01);**G02B 6/00**(2006.01)

USPC: 242/388.5;385/135
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)
U.S. : 242/388.5,388,388.1,395,395.1,402,378,378.1,378.2;385/135,136,137;191/12.2R

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)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X --- Y	US 6,745,971 B1 (Renzoni) 8 June 2004 (08.06.2004), Figures 1-10	1 --- 14-15, 17
X --- Y	US 5,069,523 (Finzel et al.) 3 December 1991 (03.12.1991), Figures 1-3	16, 18-19 --- 14-15, 17, 20-21
Y	US 6,065,708 (Matsubara) 23 May 2000 (23.05.2000), Figures 6, 7	20
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