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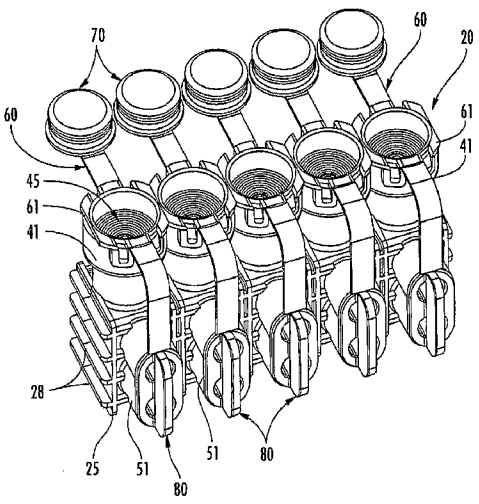
(54) Title: ELECTRICAL CONNECTOR WITH PLUG TETHER ASSEMBLY AND RELATED METHODS



(57) Abstract: An electrical connector for a plurality of electrical cables may include an electrically conductive body having a plurality of spaced apart cable-receiving passageways for receiving electrical cable ends therein. The electrically conductive body may also have at least one respective fastener-receiving passageway intersecting each cable-receiving passageway, an insulating cover on the electrically conductive body, and respective cable and fastener inlets aligned with each cable-receiving and fastener-receiving passageway. A plurality of plug tether assemblies may each include a base engaged with an upper end portion of a respective cable inlet, and may have a first and second tether extending outwardly from the base. A cable inlet plug may be coupled to the first tether and be removably positioned in a respective cable inlet. A fastener inlet plug may be coupled to the second tether and removably positioned in a respective fastener inlet.

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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)
H01R H02G

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 practical, search terms used)
EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 997 759 B1 (ZAHNEN JAMES L [US] ET AL) 14 February 2006 (2006-02-14)	1,3,5,6, 11,12, 14,18, 20,22, 23,27, 28,30
Y	column 6, line 61 - column 7, line 7; figures 1-15	2,7-10, 13,16, 17,19, 24-26, 29,32,33

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[X] Further documents are listed in the continuation of Box C.

[X] See patent family annex.

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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.
Y	US 2003/087552 A1 (BORGSTROM ALAN D [US] ET AL) 8 May 2003 (2003-05-08) paragraph [0016] - paragraph [0024]; figures 1-7	2,7-10, 13,16, 17,19, 24-26, 29,32,33
A	US 5 533 912 A (FILLINGER DAVID R [US] ET AL) 9 July 1996 (1996-07-09) column 5, line 30 - line 65; figures 1-7	1,12,18, 28

INTERNATIONAL SEARCH REPORT

Information on patent family members

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 6997759 B1	14-02-2006	NONE	
US 2003087552 A1	08-05-2003	US 2004142588 A1	22-07-2004
US 5533912 A	09-07-1996	NONE	