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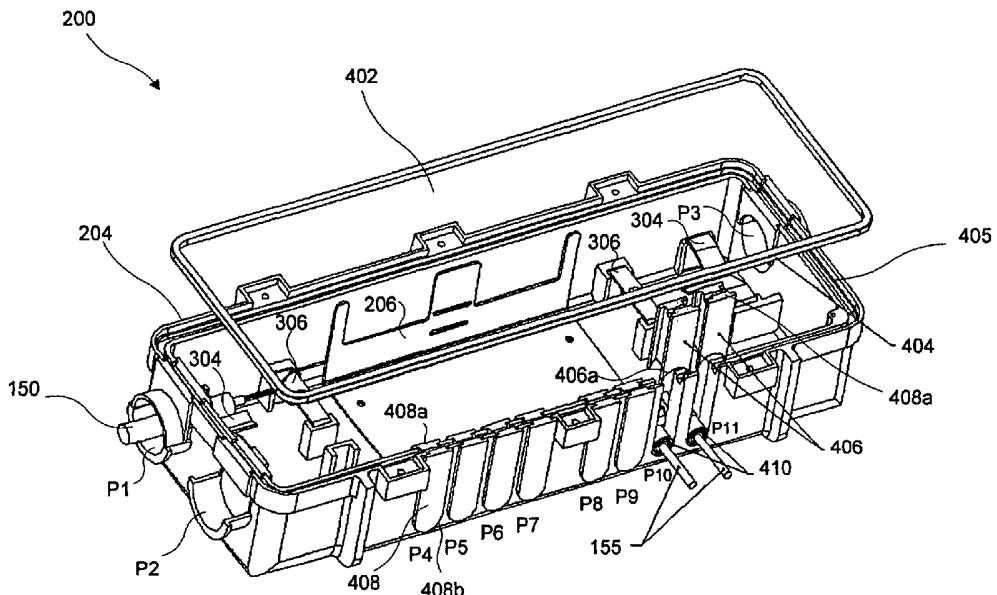
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(54) Title: CABLE SPLICE ENCLOSURE AND COMPONENTS



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(57) Abstract: An enclosure (200) for facilitating and protecting splices or connections between communication transmission media includes a housing (204) having a first port (P1) and a drop port (P4-P11). The first port can allow a distribution cable (150) containing a transmission medium to enter the housing. The drop port allows another transmission medium to enter the housing, and it can allow a transmission medium to be added or removed without disturbing existing transmission media or connections in the housing. A drop plug (406, 408) can be provided to seal the drop port. The enclosure can also include a cover plate (402) having a gasket coupled to its perimeter and being removable with the cover plate. Two-stage strain relief (304, 306) and single-stage strain relief can be provided for the media entering through the first port and the drop port, respectively.



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INTERNATIONAL SEARCH REPORT

International application No.

PCT/US02/28916

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : G02B 6/36; H02G 15/10, 15/007, 15/013
 US CL : 385/135, 136; 174/65 R, 65 G, 40 CC

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. : 385/135, 136, 100; 174/65 R, 65 G, 40 CC, 60, 135

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
 NONE

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

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5,495,549 A (SCHNEIDER et al) 27 February 1996 (27.02.1996), entire document.	1,2,6,8,9,11,18-21, 23,27-39
X	US 5,313,546 A (TOFFETTI) 17 May 1994 (17.05.1994), entire document.	1-10,12-22,24-26
X,E	US 6,496,641 B1 (MAHONY) 17 December 2002 (17.12.2002), figures 2a and 5.	1,2,6,7,12,18,19,25, 26
X	US 4,295,005 A (DAUGHERTY et al) 13 October 1981 (13.10.1981), entire document.	40,42,44,47-51
X	US 5,402,315 A (REICHLE) 28 March 1995 (28.03.1995), entire document.	40-44,46,49-51
X	US 5,731,546 A (MILES et al) 24 March 1998 (24.03.1998), entire document.	40-46,49-51

Further documents are listed in the continuation of Box C.

See patent family annex.

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