Passive Hiber Organizer for Mesh Network Node Interconnections

A mesh optical network node has switch cards which carry active components, such as wavelength routers to switch the paths of optical signals through the node and a fiber organizer handles the various optical fiber interconnections among the switch cards. The fiber organizer has no active components and can include optical paths to verify not only that a switch card connection to the fiber organizer has been made but that the connection is properly made.
Date of publication of the international search report:
13 November 2008
INTERNATIONAL SEARCH REPORT

A CLASSIFICATION OF SUBJECT MATTER

IPC(8) - H04J 14/00 (2008.04)
USPC - 398/68

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)

USPC - 398/68

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

USPC - 398/68,82, S; 382/142, S

Search Terms Below

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

PubWEST (USPT, PGPB, EPAB, JPAB); google®.com

Search Terms Used: mesh, optical, network, node, nodes, verification, array, ribbon, splitters, organized, organizing, organizer, switch, card, cards, port, ports, router, combiner

C. DOCUMENTS CONSIDERED TO BE RELEVANT

<table>
<thead>
<tr>
<th>Category*</th>
<th>Citation of document, with indication, where appropriate, of the relevant passages</th>
<th>Relevant to claim No</th>
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<td>X</td>
<td>US 2003/0123881 A1 (Milton et al.) 03 July 2003 (03.07.2003) entire document, especially Abstract; paras [0021], [0022], [0031]; [0038]; [0049]; [0053]; [0058]; [0068]; [0074]; [0083]</td>
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<td>US 2003/0072052 A1 (Graves et al.) 17 April 2003 (17.04.2003) entire document, especially Abstract; paras [0019], [0022]; [0024]; [0035]; [0042]; [0045]; [0049]; [0050]; [0056]; [0068]; [0074]</td>
<td>3, 4, 8-15, 18, 20-25, 27-34, 36, 37</td>
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Further documents are listed in the continuation of Box C

Date of the actual completion of the international search

05 September 2008 (05.09.2008)

Date of mailing of the international search report

10 SEP 2008

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