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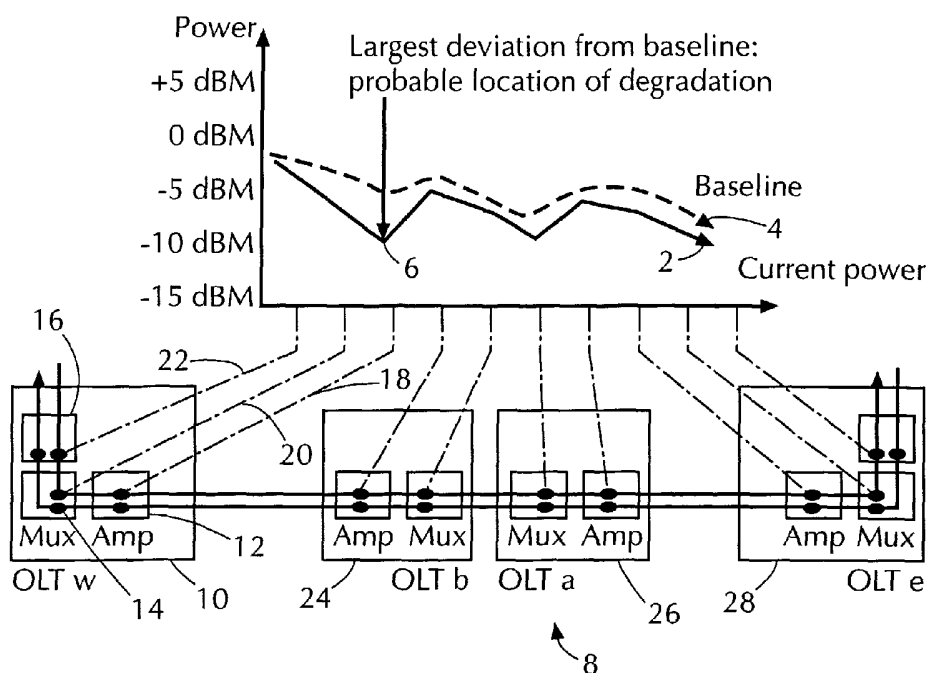
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(54) Title: PROCESSING OF OPTICAL PERFORMANCE DATA IN AN OPTICAL WAVELENGTH DIVISION MULTI-
PLEXED COMMUNICATION SYSTEM



(57) Abstract: Optical performance measurements are taken in an optical network and displayed in a form that allows an operator to enter fault information related to eh measurements, or to automatically generate fault alarms to the operator, based on processing of the measurements. The optical measurements may be individual power measurements taken for each light-path at various points in each node it traverses, such as amplifiers/demultiplexers or at an interface with another node.

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H04B10/08

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

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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, 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	EP 0 821 224 A (HEWLETT PACKARD CO) 28 January 1998 (1998-01-28) column 9, line 14 - line 52; figures 5,7 -----	1-18
X	US 5 859 695 A (WOODS JAMES W ET AL) 12 January 1999 (1999-01-12) column 6, line 18 - line 19; figure 1 -----	1-18
X	US 5 251 001 A (DAVE RAJESH P ET AL) 5 October 1993 (1993-10-05) column 4, line 10 - line 22; figure 1 column 5, line 50 - line 56 -----	1-18

 Further documents are listed in the continuation of box C. Patent family members are listed in annex.

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INTERNATIONAL SEARCH REPORT

Information on patent family members

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