Abstract:

Zone information is automatically and dynamically configured and managed in a fibre channel storage area network upon detection of network events. Some examples of events that trigger automatic dynamic zone updates include virtual port creation, intrusion/anomaly detection, arbitration decision completion, misconfiguration detection, and device malfunction. The newly created/updated zones are propagated through the fibre channel fabric and provide access control.

Figure 1
Date of publication of the international search report:
24 December 2008
INTERNATIONAL SEARCH REPORT

International application No
PCT/US 07/71259

A. CLASSIFICATION OF SUBJECT MATTER
IPC(8) - H04J 15/00 (2008.04)
USPC - 370/464
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: 370/464

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
USPC 370/464 (keyword limited - see terms below)

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
PubWEST (PGPB, USPT, USOC, EPAB, JPAB); GOOGLE
Search Terms: fiber, fibre, channel storage, zone, zoning, update zoning, channel, network storage, switch, quarantine, ownership, migrant3, arbitration, computer code, (fiber or fibre) near2 data switch, (fiber or fibre) near2 channel switch

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>
</tr>
</thead>
<tbody>
<tr>
<td>Y</td>
<td>US 2002/0178417 A1 (Wu et al.) 28 November 2002 (28.11.2002), entire document, especially; abstract, para [0012], [0060], [0061], [0072], [0134], [0160], [0176]</td>
<td>1-21</td>
</tr>
</tbody>
</table>

D Further documents are listed in the continuation of Box C

D

* Special categories of cited documents
  "A" document defining the general state of the art which is not considered to be of particular relevance
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Date of the actual completion of the international search
26 September 2008 (26.09.2008)

Date of mailing of the international search report
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