Title: HIGH DENSITY POWER DISTRIBUTION UNIT

Abstract: A power distribution unit (306) may include a power distribution unit frame (310), where the power distribution unit frame has a 2U form factor (312), and where the power distribution unit frame is coupled to mount in an embedded computer frame (102). A plurality of power ingress sites (330) may be coupled to a rear portion (320) of the power distribution unit frame, where each of the plurality of power ingress sites has a current capacity of at least 100 amperes, where each of the plurality of power ingress sites includes an ingress pin (332) coupled to interface with an ingress in-line, hyperboloid radial socket (334), and where the power distribution unit has a current capacity density of the plurality of power ingress sites of at least 600 amperes per power distribution unit.
Published:
— with international search report
— before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

(88) Date of publication of the international search report: 14 June 2007

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.
INTERNATIONAL SEARCH REPORT

A. CLASSIFICATION OF SUBJECT MATTER
IPC: H05K 7/02(2006.01)

USPC: 361/601, 760, 788; 174/52.1
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. : 361/601, 760, 788

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 practicable, search terms used)

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 6,069,797 A (WIDMAYER et al.) 30 May 2000 (30.05.2000), see entire document.</td>
<td>1-10</td>
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<tr>
<td>Y</td>
<td>US 6,552,286 B2 (YANG et al.) 22 April 2003 (22.04.2003), see entire document.</td>
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Date of mailing of the international search report
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