Title: SURFACE-MOUNT CONNECTOR

Abstract: A preferred embodiment of an electrical connector includes a housing having a body. The body defines a contact-receiving aperture extending therethrough, and a heat-transfer aperture extending therethrough in substantially the same direction as the contact-receiving aperture for facilitating circulation of air through the body.
### INTERNATIONAL SEARCH REPORT

**A. CLASSIFICATION OF SUBJECT MATTER**

IPC: H05K 1/00(2006.01)

USPC: 439/83

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.: 439/83, 206, 190, 485, 205

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)

EAST, USPAT, USPGIPUB, EPO, IPO, DERWENT, IBM-TDB, USOCR

**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>X</td>
<td>US 5,980,270 A (FJELSTAD et al.) 09 November 1999 (09.11.1999), see entire document.</td>
<td>1-4, 7-9, 12-16, 18-20</td>
</tr>
<tr>
<td>Y</td>
<td>US 5,772,451 A (DOZIER, II et al.) 30 June 1998 (30.06.1998), see entire document.</td>
<td>10-11, 17</td>
</tr>
<tr>
<td>X</td>
<td>US 4,956,433 A (OESTERHELD et al.) 24 June 1986 (24.06.1986), see entire document.</td>
<td>1, 2, 5, 6</td>
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</tbody>
</table>

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- **"S"** Document member of the same patent family

**Date of the actual completion of the international search**

13 July 2006 (13.07.2006)

**Date of mailing of the international search report**

27 JUL 2006

**Name and mailing address of the ISA/US**

Mail Stop PCT, Attn: ISA/US

Commissioner for Patents

P.O. Box 1450

Alexandria, Virginia 22313-1450

Faximile No. (571) 272-3201

**Authorised officer**

William Dodin

**Telephone No.** (571) 272-1600

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