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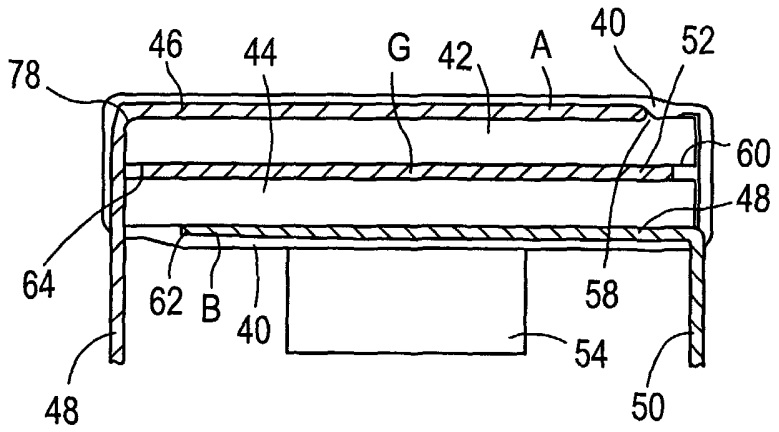
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(54) Title: CONNECTOR RELATED STRUCTURES INCLUDING AN ENERGY



(57) Abstract: The invention provides electrical energy conditioners (42, 44) particularly useful for power applications. Internal structure of the energy conditioners may be included as components of connectors or electrical devices.

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INTERNATIONAL SEARCH REPORT

International application No.
PCT/US04/14539

A. CLASSIFICATION OF SUBJECT MATTER
IPC(7) : H02H 9/00
US CL : 361/118
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. : 361/118,56,58,111,113,117,119,127

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)
Please See Continuation Sheet

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6,469,595 B2 (ANTHONY et al) 22 October 2002 (22.10.2002), see entire document.	1-74
A	US 5,029,062 A (CAPEL) 02 July 1991 (02.07.1991), see entire document.	1-74

☐ Further documents are listed in the continuation of Box C. ☐ See patent family annex.

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Continuation of B. FIELDS SEARCHED Item 3:
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search terms: AC, power, conditioner, surge, capacitor, connector, path, layer, overlap