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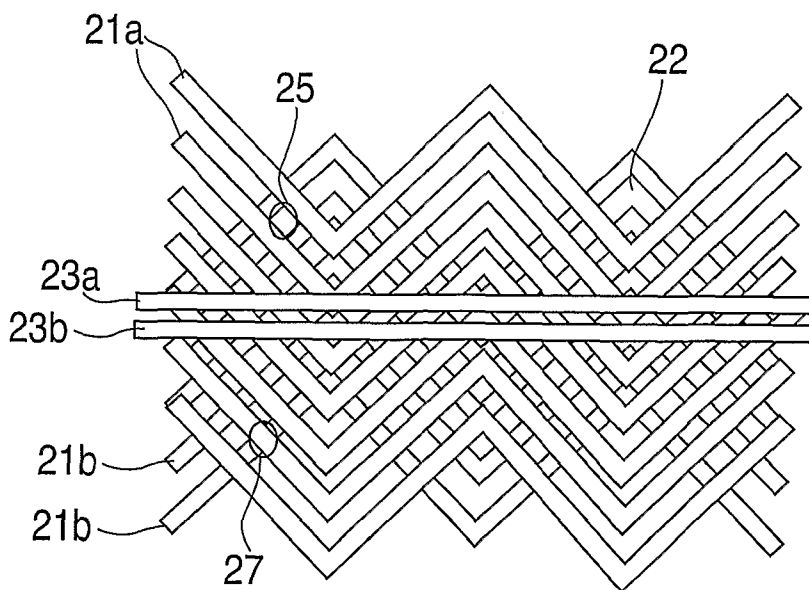
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(54) Title: CIRCUIT BOARD DESIGN



(57) Abstract: A circuit board is described where the fiberglass fiber pattern as been modified than what is found in conventional FR4 circuit boards. In one embodiment, the sets of fiberglass fibers are disposed in a zig-zag or herringbone manner. In one use, when a pair of conductors are disposed onto or into the board, the material surrounding a first conductor tends to be similar to the material surrounding a second conductor. Doing so may reduce differential to common mode conversion between the conductors.

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INTERNATIONAL SEARCH REPORT

International Application No

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A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H05K1/03

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)

IPC 7 H05K

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, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	PATENT ABSTRACTS OF JAPAN vol. 1998, no. 10, 31 August 1998 (1998-08-31) -& JP 10 117048 A (TEC CORP), 6 May 1998 (1998-05-06) abstract figures 1,3,4	4-8
A		1,9,12, 14
X	----- WO 03/063237 A (SONY CORPORATION; OKUBORA, AKIHIKO) 31 July 2003 (2003-07-31) abstract; figures 10-12	4-8
P,X	-& US 2004/130877 A1 (OKUBORA AKIHIKO) 8 July 2004 (2004-07-08) abstract; figures 10-12 paragraphs [0070] - [0073] ----- -/-	4-8



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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
E	US 2004/262036 A1 (BRIST GARY A ET AL) 30 December 2004 (2004-12-30) abstract; figures 3,8 paragraph [0045] paragraphs [0061] - [0063] -----	4-8

INTERNATIONAL SEARCH REPORT

Information on patent family members

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