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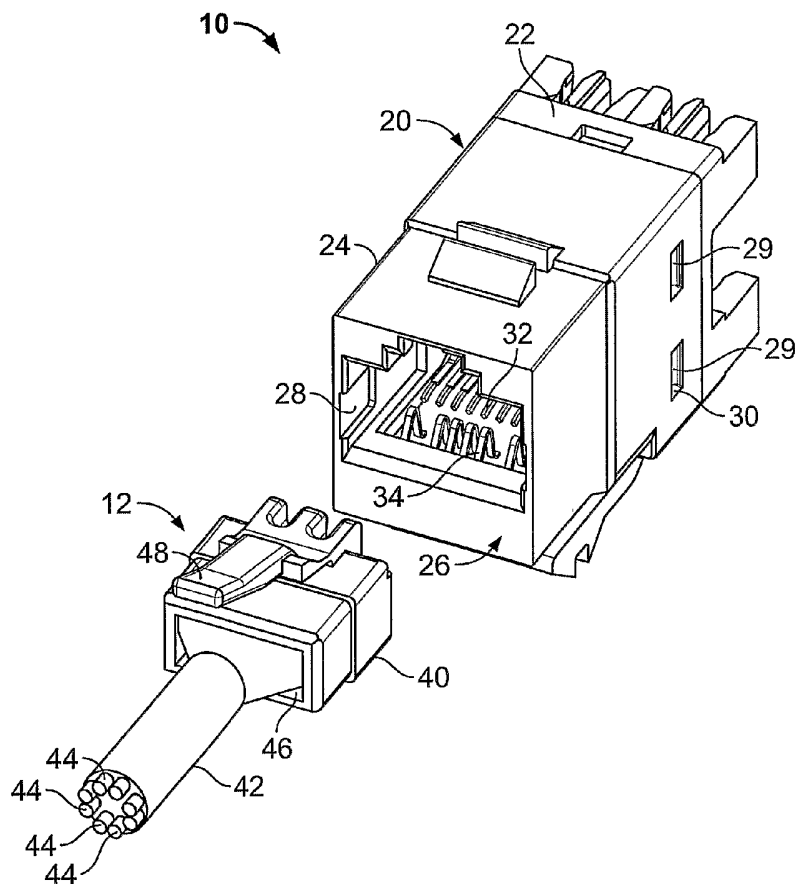
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[Continued on next page]

(54) Title: ELECTRICAL CONNECTOR WITH CROSSTALK COMPENSATION



(57) Abstract: An electrical jack (10) includes a housing (20) having a mating end (26) configured to receive a mating plug (12). A plurality of signal contacts (32) are arranged in differential pairs, and each of the signal contacts carries a signal from or to a plug contact (50) in the mating plug. A plurality of compensation contacts (34) are provided. Each compensation contact (34) engages a respective plug contact (50) in the mating plug (12) independent of the signal contact (32), and the compensation contacts (34) provide crosstalk compensation.



FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT,
RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA,
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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER H01R24/04

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)

H01R

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

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6 350 158 B1 (ARNETT JAIME RAY ET AL) 26 February 2002 (2002-02-26) cited in the application abstract; figures 1,2 -----	1
A	US 6 641 443 B1 (ITANO MICHAEL M ET AL) 4 November 2003 (2003-11-04) paragraphs [0022], [0023]; figures 2-4 -----	1
A	US 6 739 892 B1 (BELOPOLSKY YAKOV ET AL) 25 May 2004 (2004-05-25) paragraphs [0019], [0020]; figure 1 -----	1

☐ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

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INTERNATIONAL SEARCH REPORT

Information on patent family members

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