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2010-146047 28 June 2010 (28.06.2010) JP(71) Applicant (for all designated States except US):
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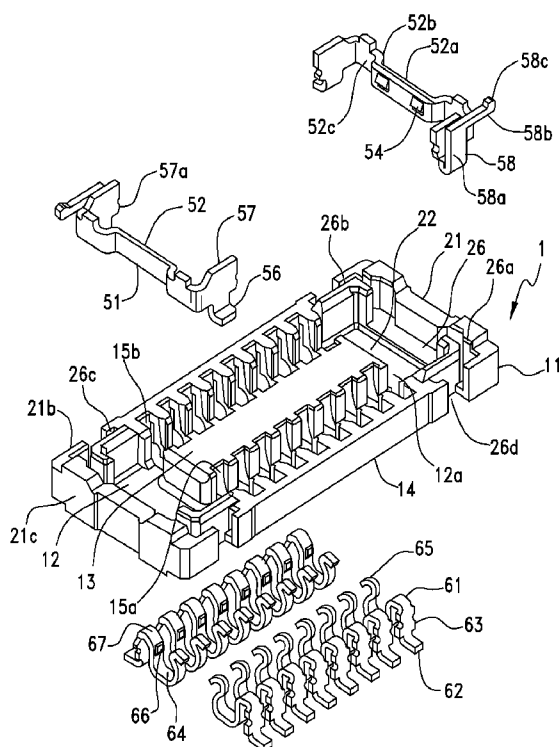
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(54) Title: BOARD-TO-BOARD CONNECTOR

**FIG.1**

(57) Abstract: A board-to-board connector is disclosed. The board-to-board connector comprises a first connector having a first terminal and a first housing provided with a recessed part, a second connector having a second terminal that contacts the first terminal and a second housing provided with a raised part that inserts into the recessed part, and a switch that electrically detects the fit completion of the first connector and the second connector.

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INTERNATIONAL SEARCH REPORT

International application No.
PCT/US201 1/042178**A. CLASSIFICATION OF SUBJECT MATTER****H01R 12/71(20U.01)i, H01R 13/631(2006.01)i**

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 12/71; G04G 1/00; H02G 3/16; H01R 13/639; H01R 24/02; H01R 12/28; B60R 16/02

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Korean utility models and applications for utility models

Japanese utility models and applications for utility models

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

eKOMPASS(KIPO internal) & Keywords:board,connector,switch,detect

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	JP 2008-131752 A (YAZAKI CORP) 05 June 2008 See paragraph [0014] - paragraph [0024] and figures 1-4.	1-17
A	JP 3801546 B2 (SMK CORP) 26 July 2006 See paragraph [0018] - paragraph [0024] and figures 1-8.	1-17
A	JP 10-177080 A (RHYTHM WATCH CO LTD) 30 June 1998 See paragraph [0010] - paragraph [0016] and figure 1.	1-17
A	JP 2001-257019 A (AUTO NETWORK GIJUTSU KENKYUSHO:KK et al.) 21 September 2001 See paragraph [0019] - paragraph [0030] and figures 1-2.	1-17



Further documents are listed in the continuation of Box C.



See patent family annex.

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Date of the actual completion of the international search

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INTERNATIONAL SEARCH REPORT

Information on patent family members

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
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