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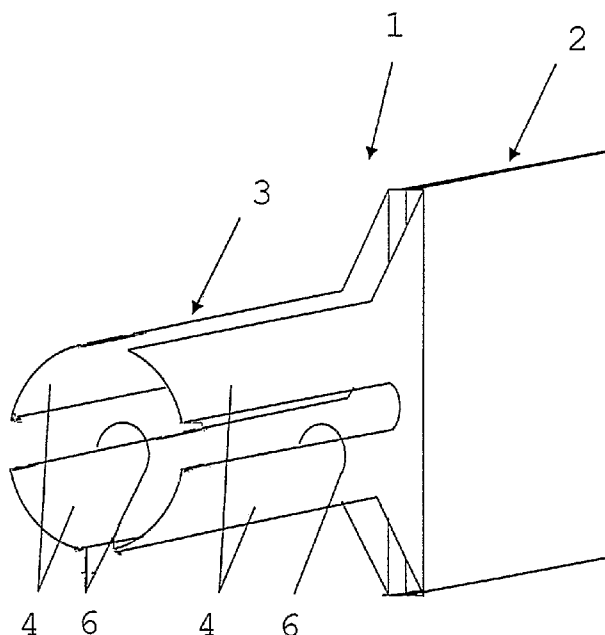
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(54) Title: CRIMPABLE CONNECTOR CONTACT ASSEMBLY FOR CABLE CONNECTOR, CABLE CONNECTOR AND
METHOD FOR MANUFACTURING THEREOF

Fig. 2B



(57) Abstract: A connector contact assembly is provided, which comprises a contact part (1) for establishing electrical contact between a conductor (15) of a cable (12) or wire and a mating counter contact. The contact part (1) comprises a mating section (2) and a crimping section (3), the crimping section (3) comprises a plurality of contact beams (4) extending from the mating section (2) and being arranged for engaging the conductor (15) of the cable (12) or the wire. The assembly further comprises a crimping ferrule (13) being adapted to be crimped onto at least a portion of the contact beams (4) for fixing the contact part (1) to the conductor (15).

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INTERNATIONAL SEARCH REPORT

International application No

PCT/IB2007/003247

A. CLASSIFICATION OF SUBJECT MATTER

INV. H01R4/18 H01R43/16
ADD. H01R4/20 H01R13/05 H01R13/11

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.
X	US 3 521 224 A (SPOOREN MARTINUS JOHANNES ALBE) 21 July 1970 (1970-07-21) column 2, line 17 - line 283 -----	1-8, 10
X	US 4 692 122 A (MONTALBANO PETER [US]) 8 September 1987 (1987-09-08) figure 4 -----	1
A	US 5 564 952 A (DAVIS WAYNE S [US]) 15 October 1996 (1996-10-15) figures 1-7 -----	6, 7
A	US 2006/194481 A1 (CLARK STEPHEN L [US] ET AL CLARK STEPHEN L [US] ET AL) 31 August 2006 (2006-08-31) figures 1-4 ----- -/--	6, 7



Further documents are listed in the continuation of Box C.



See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier document but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"&" document member of the same patent family

Date of the actual completion of the international search

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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.
A	EP 0 373 675 A (AMP INC [US]) 20 June 1990 (1990-06-20) abstract -----	1-8, 10

INTERNATIONAL SEARCH REPORT

International application No.
PCT/IB2007/003247

Box No. II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.: 9
because they relate to subject matter not required to be searched by this Authority, namely:
Claim 9 is a kit of parts, not specifying which parts are actually making up the kit and no further information about this kit could be found in the description => Art 6 PCT
2. ☐ Claims Nos.:
because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:
see FURTHER INFORMATION sheet PCT/ISA/210
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box No. III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this international search report covers allsearchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fees, this Authority did not invite payment of additional fees.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this international search reportcovers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest and, where applicable, the payment of a protest fee.
- ☐ The additional search fees were accompanied by the applicant's protest but the applicable protest fee was not paid within the time limit specified in the invitation.
- ☐ No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

Continuation of Box II.1

Claims Nos.: 9

Claim 9 is a kit of parts, not specifying which parts are actually making up the kit and no further information about this kit could be found in the description => Art 6 PCT

The applicant's attention is drawn to the fact that claims relating to inventions in respect of which no international search report has been established need not be the subject of an international preliminary examination (Rule 66.1(e) PCT). The applicant is advised that the EPO policy when acting as an International Preliminary Examining Authority is normally not to carry out a preliminary examination on matter which has not been searched. This is the case irrespective of whether or not the claims are amended following receipt of the search report or during any Chapter II procedure. If the application proceeds into the regional phase before the EPO, the applicant is reminded that a search may be carried out during examination before the EPO (see EPO Guideline C-VI, 8.2), should the problems which led to the Article 17(2)PCT declaration be overcome.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/IB2007/003247

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 3521224	A	21-07-1970	DE 1615625 A1	27-05-1970
			ES 341887 A1	16-07-1968
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			SE 330403 B	16-11-1970

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			JP 2706829 B2	28-01-1998
