

(19)



Europäisches Patentamt

European Patent Office

Office européen des brevets

(11)

Publication number:

0 090 538

A3

(12)

EUROPEAN PATENT APPLICATION

(21)

Application number: 83301400.4

(51)

Int. Cl.⁴: H 01 R 17/12

(22)

Date of filing: 15.03.83

(30)

Priority: 31.03.82 US 364101

(43)

Date of publication of application:
05.10.83 Bulletin 83/40

(88)

Date of deferred publication of search report: 27.11.85

(84)

Designated Contracting States:
BE DE FR GB IT NL SE

(71)

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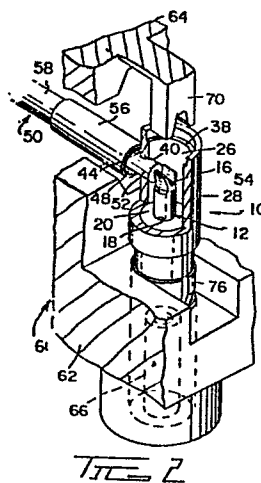
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(54)

Right angle coaxial connector.

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A right angle coaxial connector comprises a metal body member (28) having a dielectric member (20) secured along a passageway (26) extending through the body member (28). A center contact member (12) is secured in the dielectric member (20) and includes a contact section (14) and a U-shaped ferrule section (16); the contact section (14) is adapted to nest in a contact-receiving die (66) of a crimping tool (60) and the ferrule section (16) is in alignment with an open end of the body member (28) permitting access by a crimping die (70) of the crimping tool (60) to crimp the U-shaped ferrule section (16) onto a center conductor (54) of a coaxial cable (50) while simultaneously crimping a crimping ferrule (56) of an outer conductor (48) of the coaxial cable (50) onto a tubular member (44) at right angles to the body member (28) and in alignment with the ferrule section (16).





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EUROPEAN SEARCH REPORT

0090538

Application number

EP 83 30 1400

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl. 3)
A	NACHRICHTEN ELEKTRONIK, vol. 33, no. 7, July 1979, pages 231-232, Verlag Dr. Hüthig, Heidelberg, DE; K. SCHEKULIN: "Selbstzentrierende Koaxialkontakte für Messer- und Federleisten" * Page 232, medium column; figure 4 *	1,6	H 01 R 17/12
A	--- US-A-4 096 627 (AMP) * Page 1, abstract; figures 1-5 *	1,3	
A	--- FR-A-2 336 866 (KOSTAL) * Page 3, line 33 - page 4, line 17; figures 7-10 *	1	
A	--- FR-A-1 513 969 (AMP) * Figures 1,2,12 *	1,4	TECHNICAL FIELDS SEARCHED (Int. Cl. 3)
	-----		H 01 R
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 28-08-1985	Examiner LOMMEL A.
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	