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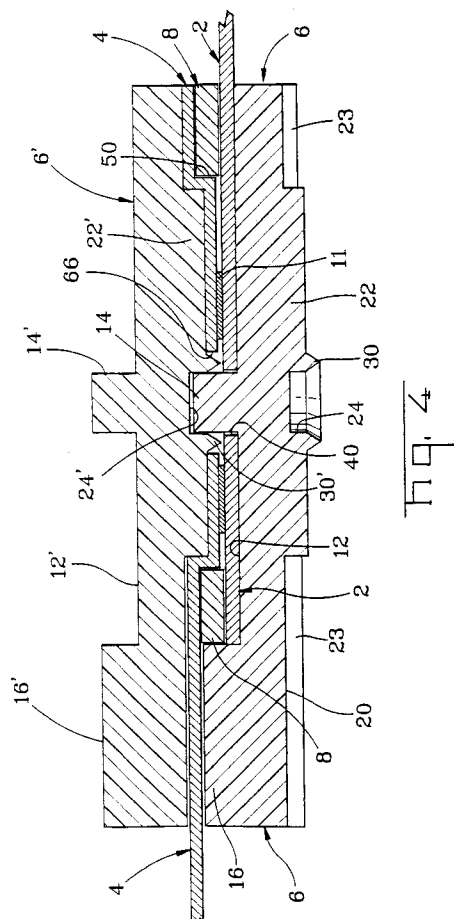
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(54) High temperature connection

(57) A method and apparatus for producing a permanent connection between a trace (10), such as platinum, of a substrate (2) is provided by placing a silver ring (11) over the trace (10) and placing a current lead (4) over the ring (11). This assembly is then heated, whereby the platinum is dissolved in the silver forming an alloy having a higher melting point than the silver. Preferably, a ceramic housing (6,6',8,) surrounds the interconnection.



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EUROPEAN SEARCH REPORT

Application Number
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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.6)
X	DE-A-34 24 387 (BOSCH GMBH ROBERT) 9 January 1986	8-11	H01R9/09 H01R43/02
Y		1	
A	* the whole document *	2,3	

Y	EP-A-0 480 754 (FUJITSU LTD) 15 April 1992	1	
A	* column 4, line 6 - column 6, line 48 *	4	

The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (Int.Cl.6) H01R
Place of search THE HAGUE		Date of completion of the search 10 April 1996	Examiner Salojärvi, K
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			

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