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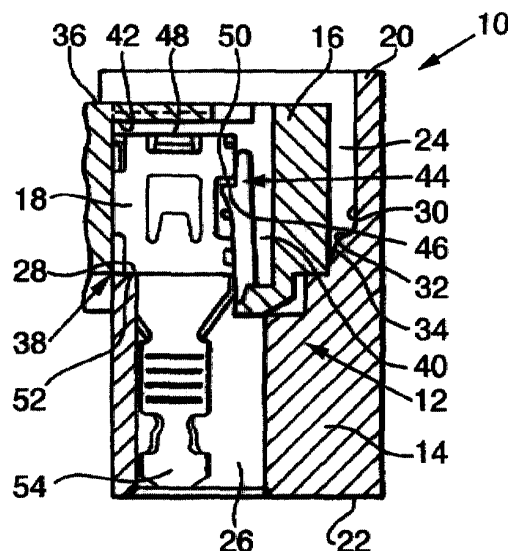
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(54) **Electrical connector**

(57) An electrical connector (10) comprising a housing (12) having a first part (14) and a second part (16); and an electric contact (18); wherein the first part of the housing has a front face (20) and a rear face (22), a channel (24) formed in the front face and having an internal wall (28) remote from the front face and a side wall (30) with a shoulder (32) directed towards the front face and an angled surface (34) between the shoulder and the internal wall, and a through bore (26) extending between the rear face and the channel; wherein the second part of the housing has a front face (36), a rear face (38), and a through bore (40) extending between the front and rear faces and having a resilient latch tang (44) within the bore directed towards the front face with a lip (46) directed towards the front face; wherein the second part is positioned in the channel in the first part and is movable between an initial assembly position in which the rear face of the second part engages the shoulder in the channel and the bores are substantially aligned, and a fully assembled position in which the rear face of the second part engages the internal wall of the channel and the bores are out of alignment, the rear face of the second part engaging the angled surface during movement from the initial assembly position to the fully assembled position; and wherein the electric contact has a first rearwardly directed shoulder (50) and a second rearwardly directed shoulder (52), the contact being positioned in the bores with the first shoulder engaging the lip on the latch tang and the second shoulder engaging

the internal wall of the channel when the second part of the housing is in the fully assembled position. Provides a double lock for the contact without the need for additional parts.

Fig.2.





European Patent Office

EUROPEAN SEARCH REPORT

Application Number
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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
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			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
			H01R
The present search report has been drawn up for all claims			
Place of search		Date of completion of the search	Examiner
THE HAGUE		28 March 2002	Demo1, S
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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**ANNEX TO THE EUROPEAN SEARCH REPORT
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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on
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