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(54) **Lead for signal transmission connector**

(57) A lead for a signal transmission connector includes a first terminal mounted to a lead seat, a second terminal, and a flexible portion between the first terminal and the second terminal. The flexible portion includes a first transition point adjoining the first terminal, a second

transition point adjoining the second terminal, and an arcuate flexible section between the first transition point and the second transition point. The arcuate flexible section extends across an area greater than a semi-circle. A signal transmission connector with such a lead is provided for reliable electrical connection with a coupler.

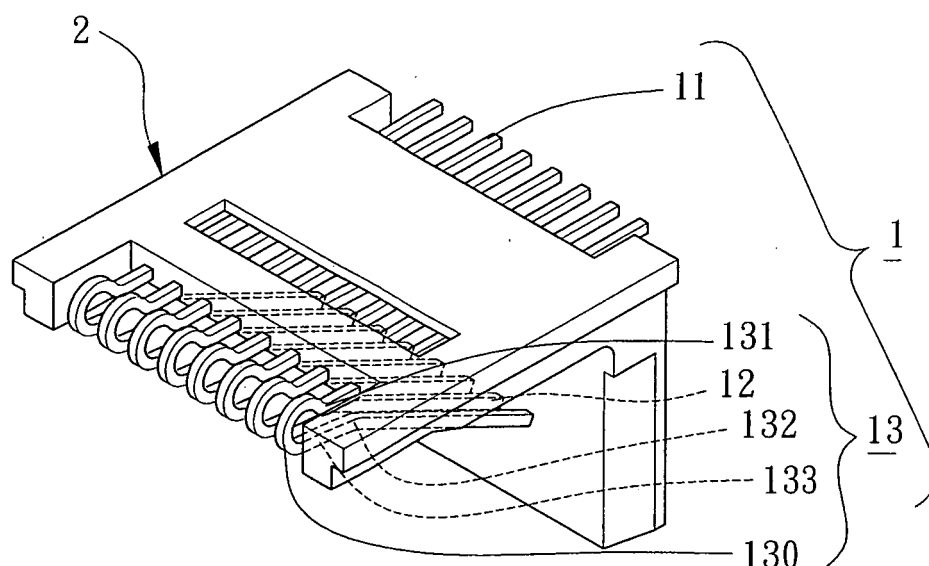


FIG. 2



European Patent
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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 (IPC)
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Y	* column 4, line 9 - line 30; figures 6,9 *	3-7	
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			TECHNICAL FIELDS SEARCHED (IPC)
			H01R
The present search report has been drawn up for all claims			
Place of search Berlin		Date of completion of the search 23 February 2006	Examiner Alexatos, G
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.
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