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## EUROPEAN PATENT APPLICATION

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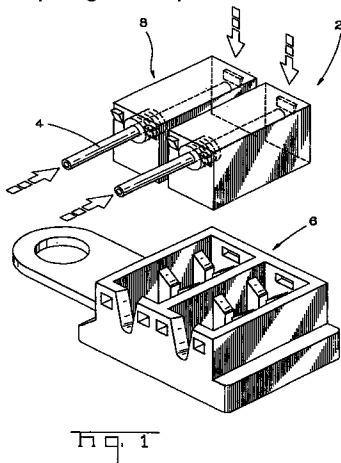
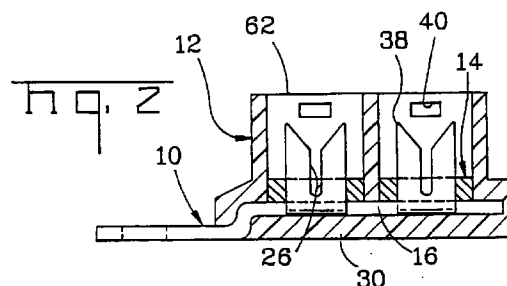
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### (54) Sealed insulation displacement connector

(57) A sealed insulation displacement (IDC) connector is shown at (2) as a branch connector used, for example, for grounding cables to the chassis of an automobile. The branch connector (2) comprises sealing means (14, 64) in order to provide a sealed IDC connection between IDC contact portions (18) and conducting wires (4). The branch connector (2) comprises a cover member (8) for receiving the conducting wires (4) and a base member (6) having compartments (28) for receiving the cover members (8) therein. The base member (6) comprises a branch conductor (10) having a plurality of juxtaposed IDC contacting portions (18), the branch conductor (10) in-moulded to an insulative housing (12). The compartments (28) also comprise wire retention means that are V-shaped slots (42) having a tapered profile (44) in order to provide sharp edges that press into the wires (4).



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## EUROPEAN SEARCH REPORT

Application Number  
EP 94 10 9915

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.5)
A	EP-A-0 095 307 (MINNESOTA MINING AND MANUFACTURING COMPANY) * page 5, line 32 - page 6, line 9; figures 2,4 *	1,4-6,16	H01R13/52 H01R4/24
A	WO-A-93 07654 (RAYCHEM CORPORATION) * abstract; figure 4 *	1,4-7,16	
			TECHNICAL FIELDS SEARCHED (Int.Cl.5)
			H01R
The present search report has been drawn up for all claims			
Place of search		Date of completion of the search	Examiner
THE HAGUE		15 December 1995	Kohler, J
<p><b>CATEGORY OF CITED DOCUMENTS</b></p> <p>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</p> <p>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  .....  &amp; : member of the same patent family, corresponding document</p>			

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