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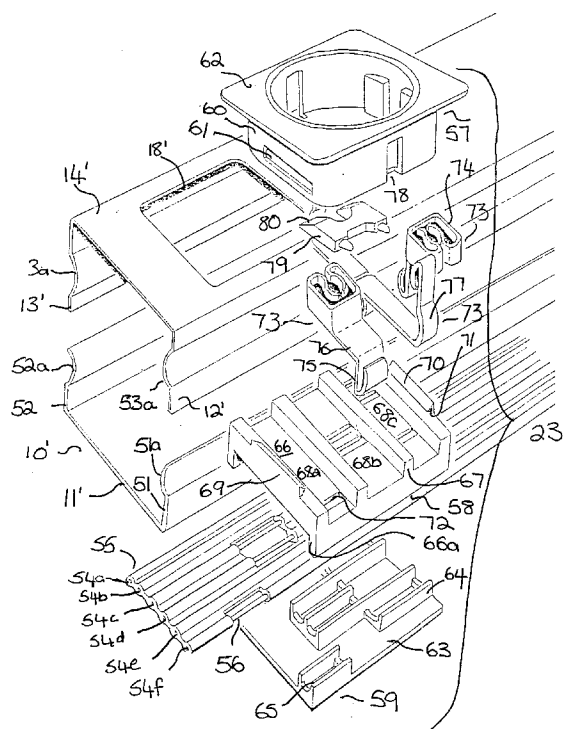
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(54) **Multi-conductor electrical distribution system.**

(57) The multi-conductor electrical distribution system includes an elongate housing 10' with a plurality of entry points 18' along its length. Within the elongate housing 10' six busbars 54a-f are provided and an intermediate housing 23' comprising a socket outlet 57, a connector support member 58 and a conductor support member 59 at each entry point. The busbars 54a-f provide at least two live conductors for ac electricity. Connector means 73 are provided for providing electrical connection from the socket outlet 57 to one of the live conductors at each entry point 18' whereby current may be drawn from a first live conductor at a first entry point and at a separate second entry point current may be drawn from a second separate live conductor. In this manner, attachment of appliances to the distribution system does not necessitate authorised or qualified personnel, the risk of drawing unbalanced power from the system is reduced and the distribution system may be used with any standard socket configuration and corresponding standard appliance plug.

Figure 8





European Patent
Office

EUROPEAN SEARCH REPORT

Application Number

EP 92 30 5856

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)
Y	DE-A-2 346 814 (NOVA-LUX-GESELLSCHAFT BRANDENBURG & CO.) * page 2, line 3 - page 4, line 7; figures 2,3 *	1-6	H01R25/16
Y	EP-A-0 060 672 (ELECTRAK INTERNATIONAL LTD.) * abstract; figure 1 *	1-6	
A	WO-A-8 804 485 (WIDELL) * page 8, line 29 - page 9, line 32; figures 3,13,14 *	1	
A	DE-A-2 007 975 (LA TELEMECANIQUE ELECTRIQUE) * page 7, line 8 - line 25; figures 1A,3,3A *	1	
			TECHNICAL FIELDS SEARCHED (Int. Cl.5)
			H01R H02G
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 30 NOVEMBER 1992	Examiner HORAK A.L.
<p>CATEGORY OF CITED DOCUMENTS</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 & : member of the same patent family, corresponding document</p>			

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