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(54) A modular female electrical terminal

(57) A modular female electrical terminal (10) includes a receptacle portion (12) for receiving a male electrical terminal. A first module comprises a base member (16) formed of a first material and having a first thickness. The base member (16) preferably provides the principal current flowpath through the female terminal (10). A second module comprises a cover member (18) which is formed of a second material having a second thickness. The cover member (18) is secured to the base member (16) in a overlying relationship so as to define in cooperation with the base member (16) a cavity (20) suitable for receiving the desired male terminal shape. At least one of the first module or the second module includes means for biasing the male electrical terminal into electrical and frictional contact with the receptacle portion (12) of the terminal (10). A process comprises selecting one of the second module types and securing in to the base member (16). The base member (16) material is preferably selected to provide a higher conductivity and/or a greater thickness than used for the cover member (18). The base member (16) and the cover member (18) may be joined by welding although mechanical interlocking can be employed.

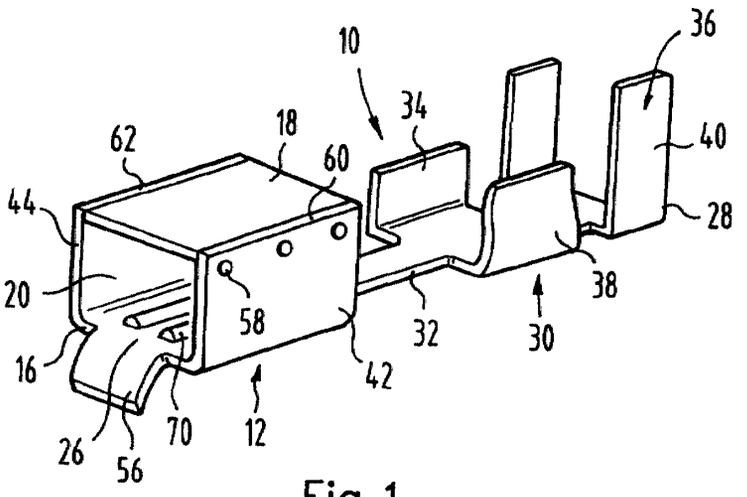


Fig. 1

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EUROPEAN SEARCH REPORT

Application Number
EP 00 12 0233

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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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The present search report has been drawn up for all claims

Place of search	Date of completion of the search	Examiner
BERLIN	25 October 2001	Alexatos, G

CATEGORY OF CITED DOCUMENTS

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EPO FORM 1503 03.82 (P04C01)

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