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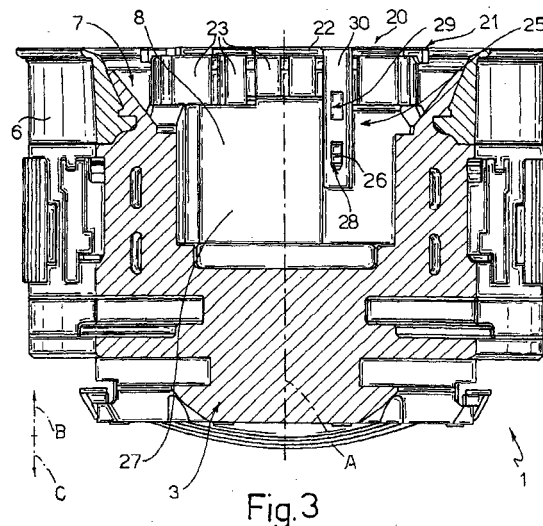
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(54) **Electric connector**

(57) An electric connector (1) having an insulating casing (3) defining a number of cavities (4) for housing respective electric terminals (5); primary retaining means (17) for retaining the terminals (5) inside the respective cavities (4); secondary retaining means (20) having a movable member (21) connectable to the casing (3) in a first direction (C) to determine correct engagement of the terminals (5) by the primary retaining means (17), and to prevent release of the terminals; and lock means (25) interposed between the casing (3) and the movable member (21) to respectively define, in the first direction (C), a preassembly position wherein the movable member (21) permits insertion of the terminals (5) inside the respective cavities (4), and a fully assembled position achievable when the terminals (5) are engaged correctly by the primary retaining means (17); the lock means (25) having at least a first and a second opening (28, 29) formed on the movable member (21), and at least one tooth (26) carried by the casing (3) and which selectively engages the first and the second opening (28, 29) to define the preassembly position and the fully assembled position of the movable member (21) respectively; the first opening (28) and the tooth (26) defining a lock joint (31) in a second direction (B) opposite the first direction (C), to prevent full removal of the movable member (21) from the casing (3).



**Fig.3**

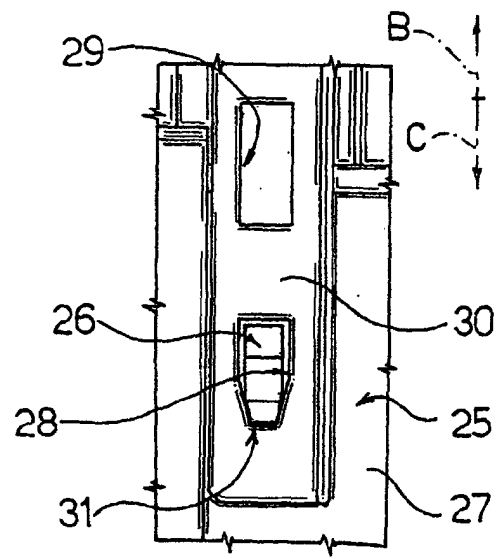


Fig.4



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# EUROPEAN SEARCH REPORT

Application Number  
EP 02 01 0575

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The present search report has been drawn up for all claims			
Place of search <b>THE HAGUE</b>		Date of completion of the search <b>7 August 2003</b>	Examiner <b>Jiménez, J</b>
CATEGORY OF CITED DOCUMENTS		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	
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			

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**ANNEX TO THE EUROPEAN SEARCH REPORT  
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