

Title (en)  
ELECTRICAL INSTALLATION ASSEMBLY

Publication  
**EP 0112476 B1 19890201 (DE)**

Application  
**EP 83111251 A 19831111**

Priority  
DE 3243727 A 19821126

Abstract (en)  
[origin: US4545632A] The set contains a central distribution box (20) having a plurality of severable electrical main terminals, for example connectable by a cable or by internal wiring to a distribution panel by, for example, a connector (22) or internal wiring. A plurality of identical adjacently located multi-terminal connection sockets (21) are located at the sides of the distribution box. The socket or receptacle terminals of the sockets (21) are internally connected to the main terminals by electrical connections on a conductor support plate. For modular use, and flexibility, a plurality of identical, severable plug units (38, 51) having projecting prongs (40, 53) located in the pattern of the receptacle or socket terminals, are engageable with the receptacle or socket terminals, some of the plug units including, in a common housing, distribution strips secured thereto and having, within the housing, and internal distribution connecting plate and conductors thereon, for attachment to further sockets (50) which may have a lesser number of connectors than the prongs on the plug units. Typically, the prongs of the plug units have seven connectors, the distribution sockets only four, one of each of the connectors being grounded. To insure vibration-proof reliable connections, the plug units and the sockets are formed with interengaging threaded sleeves and screws, the screws being axially retained, for example by a T ring, to insure positive ejection of the plugs upon rotation of the screws in removing direction.

IPC 1-7  
**H01R 25/00**

IPC 8 full level  
**H01R 25/00** (2006.01); **H01R 13/443** (2006.01)

CPC (source: EP US)  
**H01R 25/00** (2013.01 - EP US); **H01R 13/443** (2013.01 - EP US)

Cited by  
US5257941A; GB2161333A; EP0627794A1; GB2260228A; US5282751A; GB2260228B

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DOCDB simple family (publication)  
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**DE 3243727 A 19821126**; DE 3379139 T 19831111; EP 83111251 A 19831111; US 55371083 A 19831121