

Title (en)

Multi-conductor electrical distribution system.

Title (de)

Elektrisches Mehrleiter-Verteilersystem.

Title (fr)

Système de distribution électrique à plusieurs conducteurs.

Publication

EP 0520790 A2 19921230 (EN)

Application

EP 92305856 A 19920625

Priority

- GB 9113921 A 19910627
- GB 9204123 A 19920225

Abstract (en)

The multi-conductor electrical distribution system includes an elongate housing 10 min with a plurality of entry points 18 min along its length. Within the elongate housing 10 min six busbars 54a-f are provided and an intermediate housing 23 min 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 min 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. <IMAGE>

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