

Title (en)  
Power distribution system

Title (de)  
Energieverteilungssystem

Title (fr)  
Système de distribution de puissance

Publication  
**EP 0807999 A1 19971119 (DE)**

Application  
**EP 97107676 A 19970509**

Priority  
DE 19619929 A 19960517

Abstract (en)  
A power distribution system including a first, integrated busbar (1) designed as a flat (flexible) cable, with conductor cores of different cross-section, and adapted for use as a power line with supply voltages in excess of 120 V, and/or as an auxiliary line, and/or as a communications line. Also included is a cable branch (2,3) with a housing which has a contacting device working according to the penetration technique principle. The contacting device (4) is utilised in order to enable a second integrated busbar (5) to be connected as a branch flat-cable onto the first busbar (1), the second busbar being electrically connected at its other end to a communications-supporting consumer-branch (6).

Abstract (de)  
Bei dem erfindungsgemäßen Energieverteilungssystem sind Kabel-Abzweige (2,3) an eine integrierte Sammelschiene (1) angeschlossen, die eine Energie, eine Hilfsenergie- und eine Kommunikationsbusleitung umfaßt. An dem passiven Kabel-Abzweig (2) ist ein Abzweig-Kabel (5) angekoppelt, das ebenfalls als integrierte Sammelschiene ausgeführt ist, und zu einem kommunikationsfähigen Verbraucherabzweig (6) führt, zu dem ein Teilnehmer (8) anschließbar ist. Der aktive Kabel-Abzweig (3) ist als kommunikationsfähiger Verbraucher-Abzweig ausgeführt. <IMAGE>

IPC 1-7  
**H01R 25/14**; **H01R 9/07**

IPC 8 full level  
**H01R 25/14** (2006.01); **H02G 3/00** (2006.01); **H01R 4/24** (2006.01); **H01R 13/66** (2006.01); **H01R 13/68** (2011.01); **H01R 13/70** (2006.01)

CPC (source: EP US)  
**H01R 12/67** (2013.01 - EP US); **H01R 25/14** (2013.01 - EP); **H01R 4/2404** (2013.01 - EP US); **H01R 13/665** (2013.01 - EP); **H01R 13/68** (2013.01 - EP); **H01R 13/70** (2013.01 - EP)

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