

Title (en)  
ELECTRICAL INSTALLATION SYSTEM COMPRISING A BUS FOR TRANSMITTING INFORMATION

Title (de)  
ELEKTROINSTALLATIONSSYSTEM MIT BUS ZUR INFORMATIONSTRANSFER

Title (fr)  
SYSTEME D'INSTALLATION ELECTRIQUE A BUS POUR TRANSMISSION DE DONNEES

Publication  
**EP 1097494 A1 20010509 (DE)**

Application  
**EP 99936503 A 19990708**

Priority  
• DE 19831089 A 19980710  
• EP 9904817 W 19990708

Abstract (en)  
[origin: DE19831089A1] According to the invention, connector sockets are placed at planned installation points in a building electrical installation system, and receptacles contained inside said connector sockets are connected to prefabricated line sections which are equipped with plug-in connectors on the end side. In addition to the strands for transporting electric power, the installation system also contains a bus system with optical waveguides for transmitting information. Despite the convenient bus system, the invention enables the entire installation to be installed with virtually no additional expenditures. To this end, the prefabricated line sections used for connecting individual connector sockets contain both the stands for electric power and the optical waveguides, whereby the strands and optical waveguides are covered by a cable sheath.

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**H02G 3/00**

IPC 8 full level  
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