

Title (en)
COMMUNICATION SYSTEM, ESPECIALLY FOR INDOORS

Title (de)
KOMMUNIKATIONSSYSTEM INSBESONDERE FÜR DEN INDOOR-BEREICH

Title (fr)
SYSTEME DE COMMUNICATION, NOTAMMENT POUR ZONE INTERIEURE

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Application
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Abstract (en)
[origin: WO0135544A1] The invention relates to a communication system. According to the inventive system a point-to-point communication is established between two terminals (22, 21) which comprises at least one short-range radio path between one of the terminals (22) and an adapter (6) and a power supply network-based PLC path between the adapter (6) and the second terminal (21). A short-range radio path is understood to be a radio connection whose range does not substantially extend beyond the indoor range, that is for example beyond the size of a room or a floor of a building. The inventive system is highly flexible and inexpensive to install. The adapter can be connected to any socket of the power supply network (2), that is precisely where it is needed. The aggregates or components for short-range radio paths can be produced in high quantities and at low costs. The point-to-point communication does not require any central control devices or connection controllers.

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