

Title (en)

ELECTRICAL CONNECTOR FOR DATA AND ENERGY SUPPLY

Title (de)

ELEKTRISCHER VERBINDER FÜR DATEN UND ENERGIEVERSORGUNG

Title (fr)

CONNECTEUR ELECTRIQUE POUR TRANSFERT DE DONNEES ET ALIMENTATION ELECTRIQUE

Publication

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Application

**EP 04797890 A 20041115**

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Abstract (en)

[origin: WO2005055374A1] The invention relates to an electrical connector (1), especially for data networks (16) via which data devices (18, 19, 20) are interconnected by means of data lines (7, 17), having at least two device contacts (5) on the data device side, having at least one mains contact (8) operating mode the data line side and having a transformer (13) connected between the at least two device contacts (5) and the at least one mains contact (8). In order to reduce the installation cost when the data network is operating at full capacity, according to the invention the transformer (13) combines an energy-data flow (D+E) present at the at least one mains contact (8) with an energy flow (E) at the one device contact (5) and with at least one data flow (D, D+E) at the other device contact (5).

IPC 8 full level

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CPC (source: EP)

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