

Title (en)

COUPLING OF A HEAD STATION TO A LOW-VOLTAGE POWER SUPPLY NETWORK

Title (de)

ANKOPPLUNG EINER KOPFSTATION AN EIN NIEDERSPANNUNGS-STROMVERSORGUNGSNETZ

Title (fr)

COUPLAGE D'UNE TETE DE LIGNE A UN RESEAU DE DISTRIBUTION BASSE TENSION

Publication

**EP 1264419 A1 20021211 (DE)**

Application

**EP 00906130 A 20000308**

Priority

CH 0000130 W 20000308

Abstract (en)

[origin: WO0167630A1] At least one head station (8) and a plurality of subscriber stations (16.1, 16.2, 16.3) are connected to a low-voltage power supply network (3) for distributing electricity from a transformer station (1) to a plurality of consumers in homes (12, 13) or factories (14). Said head station (8) is capacitively coupled to the distributor device (7) in the transformer station (1) and controls or monitors the exchanging of data between the subscriber stations (16.1, 16.2, 16.3). The head station (8) is also connected to other communications networks (10, 11) by a router (9), for information transmission (9). Through the low-voltage power supply network (3), the subscriber stations (16.1, 16.2, 16.3) can communicate a) with the head station (8) b) with each other, directly or indirectly through the head station (8) and c) with subscribers in the other communications networks (10, 11), through the head station.

IPC 1-7

**H04B 3/56**

IPC 8 full level

**H04B 3/56** (2006.01)

IPC 8 main group level

**H04B** (2006.01)

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