

Title (en)

MODEM FOR TRANSMITTING DATA OVER A POWER SUPPLY NETWORK

Title (de)

MODEM ZUR ÜBERTRAGUNG VON DATEN ÜBER EIN STROMVERSORGUNGSNETZWERK

Title (fr)

MODEM DESTINÉ À LA TRANSMISSION DE DONNÉES PAR UN RÉSEAU D'ALIMENTATION ÉLECTRIQUE

Publication

**EP 2392077 A2 20111207 (DE)**

Application

**EP 10711822 A 20100127**

Priority

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- DE 102009007003 A 20090130

Abstract (en)

[origin: WO2010085938A2] With respect to a reliable operation of a modem on a multi-phase power supply network and as cost-effective a design of the modem as possible, the modem for transmitting data over a power supply network, wherein the power supply network has at least two phases (L1, L2, L3) and a neutral conductor, and wherein the modem (1) has a power supply unit (2) for supplying the modem (1) with power and a signal processing unit (3), is characterized in that the power supply unit (2) has a single-phase design and that the signal processing unit (3) is coupled to at least two of the phases (L1, L2, L3) for transmitting and receiving data.

IPC 8 full level

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CPC (source: EP)

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