

Title (en)
NETWORK CONNECTION

Title (de)
NETZWERKVERBINDUNG

Title (fr)
CONNEXION AU RESEAU

Publication
EP 1131901 A1 20010912 (EN)

Application
EP 00969271 A 20000918

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Abstract (en)
[origin: WO0122615A1] In a network connection comprising at least two wires (1, 2) for electrically connecting network users (3, 4, 5, 6, 7) in a network, joint data transmission and energy transfer from a terminal of a voltage source via the two wires of the network connection is ensured in that the network connection has a symmetrical structure and the two wires (1, 2) are twisted, in that the wires (1, 2) are mutually insulated to such an extent (13; 21, 22; 34; 35) that they are suitable for a symmetrical, differential data transmission, and in that the two wires (1, 2) have the same electrical resistance and jointly have a cross-section which is suitable for energy transfer from a terminal of a voltage source to network users (3, 4, 5, 6) via both wires (1, 2).

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