

Title (en)

MULTIMEDIA SYSTEM AND METHOD FOR DISTRIBUTING RADIO WAVE AND CABLE CHANNELS IN A CABLE NETWORK IN TWISTED PAIRS

Title (de)

MULTIMEDIASYSTEM UND VERFAHREN ZUR FUNK- UND KABELKANALVERTEILUNG IN EINEM KABELNETZWERK MIT VERDRILLTEN DOPPELLEITUNGEN

Title (fr)

SYSTEME MULTIMEDIA ET PROCEDE POUR DISTRIBUER DES CHAINES HERTZIENNES ET CABLEES DANS UN RESEAU CABLE EN PAIRES TORSADEES

Publication

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Application

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Abstract (en)

[origin: WO0169925A1] The invention concerns a multimedia system for distributing high frequency signals in a cabled network in twisted pairs. Said system comprises: first impedance adapting means for receiving through a coaxial cable a high frequency signal (HF) and transmitting over a twisted pair of category 5, 6 or 7 said HF signal; second impedance adapting means for receiving the HF signal coming from the twisted pair of category 5, 6 or 7 and transmitting the HF signal to a specific terminal through a coaxial cable. The first impedance adapting means is a passive balanced converter. The second impedance adapting means is a passive unbalanced converter with HF signal amplification and automatic gain control.

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