

Title (en)

COMMUNICATION SYSTEM WITH MULTICARRIER TELEPHONY TRANSPORT

Title (de)

KOMMUNIKATIONSSYSTEM MIT MEHRTRÄGERTELEFONÜBERTRAGBARKEIT

Title (fr)

SYSTEME DE COMMUNICATION AVEC TRANSMISSION TELEPHONIQUE PAR PONTEUSES

Publication

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Application

EP 97903135 A 19970124

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- US 67300296 A 19960628
- US 65040896 A 19960520

Abstract (en)

[origin: CA2205986A1] The communication system includes a hybrid fiber/coax distribution network. A head end provides for downstream transmission of telephony and control data in a first frequency bandwidth over the hybrid fiber/coax distribution network and reception of upstream telephony and control data in a second frequency bandwidth over the hybrid fiber/coax distribution network. The head end includes a head end multicarrier modem for modulating downstream telephony information on a plurality of orthogonal carriers in the first frequency bandwidth and demodulating upstream telephony information modulated on a plurality of orthogonal carriers in the second frequency bandwidth. The system includes service units, operatively connected to the hybrid fiber/coax distribution network for upstream transmission of telephony and control data and for receipt of the downstream control data and telephony. Also provided is a method and apparatus for performing a Fast Fourier Transform (FFT).

IPC 1-7

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Citation (search report)

See references of WO 9727550A2

Cited by

CN113595598A; CN110493571A; CN111307053A; CN109635324A; CN110710234A; CN113114938A; CN113938207A; US11509971B2; US11831963B2; US11877037B2

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