

Title (en)
SDMA PACKET RADIO SYSTEM AND CHANNEL ESTABLISHMENT METHOD

Title (de)
SDMA PAKETFUNKANORDNUNG UND KANALAUFBBAUVERFAHREN

Title (fr)
SYSTEME DE RADIOCOMMUNICATION SDMA PAR PAQUETS ET PROCEDE D'ETABLISSEMENT DE VOIE

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Application
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Abstract (en)
[origin: WO9828864A1] The invention relates to a packet radio system and a method using SDMA for channel establishment. The packet radio system comprises a network part (100), at least one subscriber terminal (102) and a duplex radio connection (104) between the network part (100) and a subscriber terminal (102). The duplex radio connection (104) is used for connection set-up and packet transmission. The invention is characterized in that for connection set-up the network part (100) and the subscriber terminal (102) are arranged to establish a special channel (210) with a significantly longer range than that of a normal channel (200). The special channel (210) has a bit energy-to-noise ratio of about 5-12 dB better than the normal channel (200).

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