Title (en)

A WIRELESS INTERNET ACCESS METHOD AND SYSTEM

Title (de)

VERFAHREN UND SYSTEM ZUM DRAHTLOSEN INTERNETZUGANG

Title (fr)

PROCEDE ET SYSTEME D'ACCES SANS FIL A INTERNET

Publication

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Application

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Priority

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- US 8207398 P 19980417

Abstract (en)

[origin: WO9955030A1] A wireless Internet access system (100) and method supports the transmission and reception of multiple types of traffic between mobile subscriber units (105, 106) and existing networks (120). A frame structure is used that can support the transmission of multiple types of traffic and adapt to changes in the traffic types needed and the amount of data for a particular traffic type. In addition, data transmission is performed using orthogonal frequency division multiplexing and differential phase shift keying to avoid inter-symbol interference. Receiving units in the mobile subscriber units (105, 106) and existing networks (120) include antenna arrays to provide a multipath transmission.

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IPC 1-7 (main, further and additional classification)

H04J 3/16; H04B 7/02; H04L 27/26; H04B 7/08; H04M 7/00

IPC 8 full level (invention and additional information)

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CPC (invention and additional information)

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Designated contracting state (EPC)

DE FR GB IT SE

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