

Title (en)
METHOD OF OPERATING AN ASYMMETRICAL HALF-DUPLEX COMMUNICATION SYSTEM

Title (de)
VERFAHREN ZUM BETREIBEN EINES ASYMMETRISCHEN EINWEG-KOMMUNIKATIONSSYSTEM

Title (fr)
PROCEDE D'EXPLOITATION D'UN SYSTEME DE COMMUNICATION SEMI-DUPLEX ASYMETRIQUE

Publication
EP 1325654 A2 20030709 (EN)

Application
EP 01973443 A 20010924

Priority
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• US 68090000 A 20001006

Abstract (en)
[origin: WO0232163A2] A mobile communications system is operated in a manner to improve its capacity under the condition of asymmetric traffic flow. When similar amounts of traffic flow occur in each of downlink and uplink directions, channels in a first frequency band of a wireless spectrum are used to transmit information in the downlink direction from network stations to mobile terminals and channels in a second frequency band are used to transmit information in the uplink direction from mobile terminals to the network stations. Upon occurrence of asymmetric traffic flow as a result of the mobile terminals receiving in total more information from than they transmit to the network stations, a division of the wireless spectrum into asymmetric uplink and downlink spectrums is made proportionally to the ratio of total uplink data flow to downlink data flow.

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