Title (en)
CONTROL MESSAGE MANAGEMENT IN PHYSICAL LAYER REPEATER

Title (de)
STEUERNACHRICHTENVERWALTUNG IN EINEM REPEATER DER BITÜBERTRAGUNGSSCHICHT

Title (fr)
GESTION DE MESSAGE DE COMMANDE DANS UN REPETITEUR DE COUCHE PHYSIQUE

Publication
EP 1889432 A2 20080220 (EN)

Application
EP 06760719 A 20060607

Priority
• US 2006022075 W 20060607
• US 68789005 P 20050607

Abstract (en)
[origin: WO2006133269A2] A repeater (100) is configured to selectively generate and transmit control message packets between wireless stations (302, 304) on both a transmit side (111) and a receive side (112) of the repeater (100). The repeater (100) manages and manipulates an end to end protocol of the control message packets in a manner that does not change media access control (MAC) addresses of the end to end protocol so as to achieve a network objective, such as preventing other transmitters from transmitting while the repeater (100) repeats a signal from its receive side (111) to its transmit side (112). The control message management is applicable to analog signal repeaters as well as digital repeaters, such as symbol to symbol or packet to packet repeaters, in which physical layer control message management is performed.

IPC 8 full level
H04B 7/155 (2006.01); H04W 16/26 (2009.01); H04W 74/08 (2009.01); H04W 84/12 (2009.01)

CPC (source: EP)
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DOCDB simple family (publication)
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