

Title (en)  
FLEXIBLE MEDIUM ACCESS CONTROL (MAC) METHOD FOR AD HOC WIRELESS NETWORKS

Title (de)  
FLEXIBLES MEDIUMZUGANGSTEUERVERFAHREN FÜR DRAHTLOSE ADHOC-NETZWERKE

Title (fr)  
COMMANDE D'ACCES AU SUPPORT FLEXIBLE DESTINEE A DES RESEAUX SANS-FIL DEPLOYES AD HOC

Publication  
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Application  
**EP 06839557 A 20061026**

Priority

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Abstract (en)  
[origin: WO2007051140A2] Systems and methods are disclosed that facilitate wireless communication using resource utilization messages (RUMs), in accordance with various aspects. A RUM may be generated for a first node, such as an access point or an access terminal, to indicate that a first predetermined threshold has been met or exceeded. The RUM may be weighted to indicate a degree to which a second predetermined threshold has been exceeded. The first and/or second predetermined thresholds may be associated with various parameters associated with the node, such as latency, throughput, data rate, spectral efficiency, carrier-to-interference ratio, interference-over-thermal level, etc. The RUM may then be transmitted to one or more other nodes to indicate a level of disadvantage experienced by the first node.

IPC 8 full level  
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WO 2004109473 A2 20041216 - MESHNETWORKS INC [US], et al

Cited by  
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**US 2006060262 W 20061026**; AR P060104687 A 20061026; AR P060104688 A 20061026; AR P060104689 A 20061026; AR P060104690 A 20061026; BR PI0617756 A 20061026; BR PI0617909 A 20061026; BR PI0617911 A 20061026; CA 2623909 A 20061026; CA 2625968 A 20061026; CA 2626364 A 20061026; CA 2626378 A 20061026; CN 201210393058 A 20061026; EP 06839557 A 20061026; EP 06839566 A 20061026; EP 06839570 A 20061026; EP 06846165 A 20061026; EP 18174959 A 20061026; ES 18174959 T 20061026; HK 13109099 A 20130805; JP 2008538165 A 20061026; JP 2008538174 A 20061026; JP 2008538176 A 20061026; JP 2008538178 A 20061026; JP 2012005169 A 20120113; JP 2012005170 A 20120113; KR 20087012521 A 20061026; KR 20087012551 A 20061026; KR 20087012613 A 20061026; KR 20087012614 A 20061026; RU 2008120646 A 20061026; RU 2008120655 A 20061026; RU 2008120656 A 20061026; TW 95139641 A 20061026; TW 95139642 A 20061026; TW 95139644 A 20061026; TW 95139646 A 20061026; US 2006060279 W 20061026; US 2006060282 W 20061026; US 2006060284 W 20061026