Title (en)

WIRELESS TRANSMISSION CONTROL IN UWB (ULTRA WIDE BAND) TECHNOLOGY

Title (de)

DRAHTLOSE ÜBERTRAGUNGSSTEUERUNG BEI DER UWB-TECHNOLOGIE (ULTRABREITBAND)

Title (fr)

CONTROLE DE LA TRANSMISSION SANS FIL EN TECHNOLOGIE A BANDE ULTRALARGE

Publication

EP 1658697 A1 20060524 (EN)

Application

EP 04744288 A 20040812

Priority

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Abstract (en)

[origin: WO2005020508A1] Wireless transmission by one or more Ultra Wide Band (UBW) wireless devices (10) is controlled by measuring the transmission activity level of one or more of the wireless devices (10) and, in response to the measured transmission activity level complying with a predetermined criterion, controlling the transmission activity of at least one of the wireless devices (10). Measurements to check the transmission activity level can include: measuring the proportion of transmission time over a predetermined time period, or measuring an indication of aggregate power transmitted by a plurality of wireless devices averaged over a predetermined time period. Controlling the activity factor (in order to reduce interference and power consumption) can include: reducing the power level, prohibiting transmission of one or more devices, schwduling the transmission activity according to a stored timetable (actualised by location information or congestion bulletins).

IPC 1-7

H04L 12/28; H04L 12/56; H04B 7/005

IPC 8 full level

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CPC (source: EP KR US)

H04B 1/7163 (2013.01 - KR); **H04B 1/719** (2013.01 - EP KR); **H04L 1/0001** (2013.01 - KR); **H04W 24/00** (2013.01 - EP KR US); H04L 1/0001 (2013.01 - EP); Y02D 30/70 (2020.08 - EP KR US)

Citation (search report)

See references of WO 2005020508A1

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