

Title (en)

IMPROVED BEACON SIGNALS FACILITATING SIGNAL DETECTION AND TIMING SYNCHRONIZATION

Title (de)

VERBESSERTE BAKENSIGNALE ZUR ERLEICHTERUNG DER SIGNALERKENNUNG UND ZUR ZEITSYNCHRONISATION

Title (fr)

SIGNAUX DE BALISE AMELIORES FACILITANT LA DETECTION DE SIGNAL ET LA SYCHNONISATION DE RYTHME

Publication

EP 1807953 A2 20070718 (EN)

Application

EP 05824371 A 20051014

Priority

- US 2005037019 W 20051014
- US 61872004 P 20041014

Abstract (en)

[origin: WO2006044661A2] Improved beacon signaling methods are described. Beacon signals are transmitted on the same tone in at least two consecutive symbol periods facilitating accurate energy measurements over a symbol period even if timing synchronization with the transmitter is not maintained. A low power wideband signal is also combined with the beacon signal to facilitate channel estimation and other operation such as timing synchronization operations.

IPC 8 full level

H04J 3/06 (2006.01); **H04L 7/00** (2006.01)

CPC (source: EP KR US)

H04J 3/06 (2013.01 - KR); **H04L 27/2613** (2013.01 - EP KR US); **H04L 5/0053** (2013.01 - EP); **H04L 7/04** (2013.01 - EP)

Citation (search report)

See references of WO 2006044661A2

Designated contracting state (EPC)

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Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

WO 2006044661 A2 20060427; **WO 2006044661 A3 20080117**; CA 2583721 A1 20060427; CA 2583721 C 20100330; CN 101292452 A 20081022; EP 1807953 A2 20070718; JP 2008517537 A 20080522; JP 2010268472 A 20101125; KR 20070085357 A 20070827

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US 2005037019 W 20051014; CA 2583721 A 20051014; CN 200580042873 A 20051014; EP 05824371 A 20051014; JP 2007536940 A 20051014; JP 2010129977 A 20100607; KR 20077010911 A 20070514