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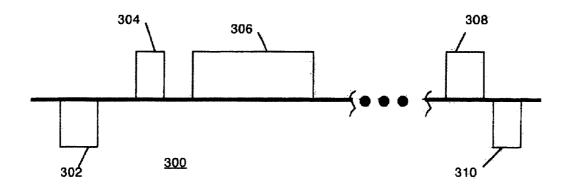
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(54) Title: METHOD FOR UPDATING A TIMER FUNCTION IN A MOBILE STATION IN A WIRELESS LOCAL AREA NETWORK



(57) Abstract: A mobile station (204) in a wireless local area network is associated with an access point (202), which controls timing of certain transmissions, such as beacons (402). The mobile station has a timer (108) that is driven by a high frequency clock source (110) while operating in an active mode, and a low frequency clock source (112) when in a low power mode, to conserve battery charge. To prevent timing errors from significantly affecting the accuracy for the timer (108) upon transitioning from one mode to the other, access point transmits timing information to the mobile station in the course of servicing requests from the mobile station. The timing information is included in a response sequence (300).



INTERNATIONAL SEARCH REPORT

International application No. PCT/US05/32277

A. CLASSIFICATION OF SUBJECT MATTER IPC(8) - H04B 7/212; H04J 3/06,3/16 (02.2006) USPC - 370/324,346,503 According to International Patent Classification (IPC) or to both national classification and IPC			
B. FIELDS SEARCHED			
Minimum documentation searched (classification system followed by classification symbols) US: 370/324,345,346,350,503			
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched			
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)			
MicroPatent, Ei Compendex, INSPEC, NTIS: National Technical Information Service, JICST-EPlus - Japanese Science & Technology, PASCAL, Current Contents Search			
C. DOCUMENTS CONSIDERED TO BE RELEVANT			
Category*	Citation of document, with indication, where a	ppropriate, of the relevant passages	Relevant to claim No.
X Y	US 2004/0076186 A1 (CHEN et al) 22 April 2004 (22.0015], [0027], Abstract	04.2004) figures 2 & 3a, sections [0012-	1-6 7-10
Α	US 6,735,454 B1 (YU et al) 11 May 2004 (11.05.2004) WHOLE DOCUMENT	1-10
Α	US 2004/0008661 A1 (MYLES et al) 15 January 2004 (15.01.2004) WHOLE DOCUMENT		1-10
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A,P	US 2004/0205158 A1 (HSU) 14 October 2004 (14.10.2004) WHOLE DOCUMENT		1-10
A,P	US 2005/0190738 A1 (SMAVATKUL et al) 01 September 2005 (01.09.2005) WHOLE DOCUMENT		1-10
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