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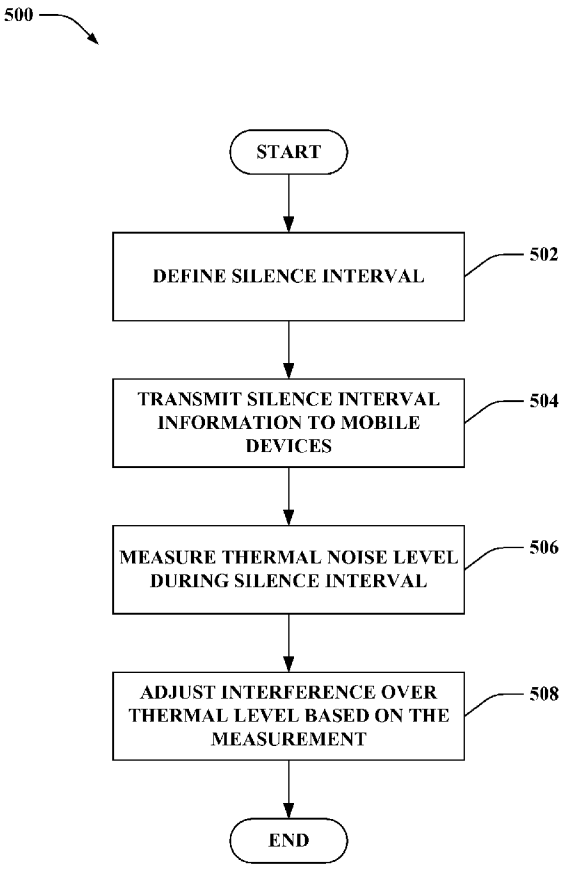
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(54) Title: METHOD AND APPARATUS FOR SILENCE INTERVALS IN WIRELESS COMMUNICATIONS



(57) Abstract: Systems and methodologies are described that facilitate silence interval specification and utilization in wireless communications. In particular, a silence interval can be defined such that communications cease during the interval, defined by an interval period, offset within the interval period, and duration; the communication can be that of mobile devices to base stations in a wireless communication network. In this regard, base stations can measure thermal noise during the silence to set a interference over thermal (IoT) level in one example. Additionally, other systems and networks can use the silence intervals to transmit, such as public safety devices and/or peer-to-peer communication. The wireless mobile devices can receive the silence interval information and appropriately blank out communications during the defined period.

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B. FIELDS SEARCHED

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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 practical, search terms used)
EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 2006/007318 A (QUALCOMM INC [US]; SUTIVONG ARAK [US]; AVNEESH AGRAWAL [US]; JULIAN DA) 19 January 2006 (2006-01-19)	1,5-7,9, 11,15, 16,20, 22,23, 25,26, 28,29, 31-33, 35,37, 39-43, 46-48,50
Y	abstract paragraphs [0006], [0007] paragraph [0028] paragraphs [0060] - [0064]	2-4,8, 10,12, 17,18, 21,24, 27,34, 36,45,49

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[X] Further documents are listed in the continuation of Box C.

[X] See patent family annex.

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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 2005/013283 A1 (YOON YOUNG C [US] ET AL) 20 January 2005 (2005-01-20) abstract paragraph [0004] paragraph [0029] paragraph [0036]	2,4,8,18
Y	US 2005/054294 A1 (KHUN-JUSH JAMSHID [DE] ET AL) 10 March 2005 (2005-03-10) abstract paragraphs [0029] - [0031] paragraph [0054] paragraph [0078] paragraph [0080]	3,10,12, 17,21, 24,27, 34,36, 45,49