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[Continued on next page]

(54) Title: METHOD AND DEVICES FOR MULTIPLE STATION SOUNDING IN A WIRELESS LOCAL AREA NETWORK

(57) Abstract: Embodiments of a method and apparatus for obtaining sounding measurements between an access point and a wireless station within a wireless local area network are described. Some embodiments relate to Wi-Fi networks and networks operating in accordance with one of the IEEE 802.11 standards. Some embodiments may allow an access point to request that multiple stations compute sounding measurements with minimal time delay between measurements. Other embodiments may be described and claimed.

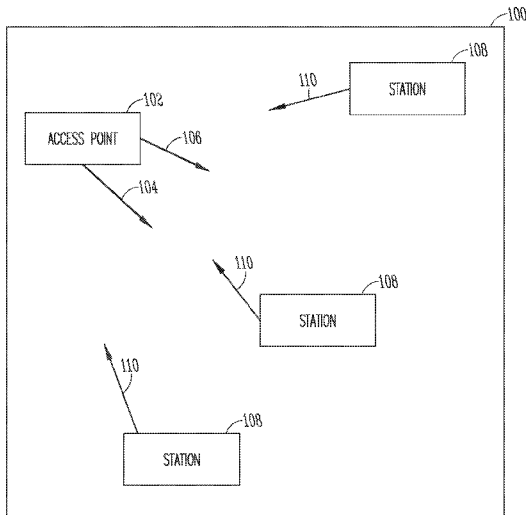


FIG. 1

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B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

H04B 7/04; H04B 7/02; H04B 1/18

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Korean utility models and applications for utility models

Japanese utility models and applications for utility models

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

eKOMPASS(KIPO internal) & Keywords: station,null,data.packet,ndp

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y A	US 2007-0298742 A1 (John W,Ketchum et) 27 December 2007 See the abstract, detailed description, claims1-10, figure 1	1,9,13 2-8,10-12,14-18
Y A	US 2009-0196372 A1 (ZHANG HONGYUAN et al.) 06 August 2009 See the abstract, detailed description, claims1-25, figure 1	1,9,13 2-8,10-12,14-18

 Further documents are listed in the continuation of Box C. See patent family annex.

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INTERNATIONAL SEARCH REPORT

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