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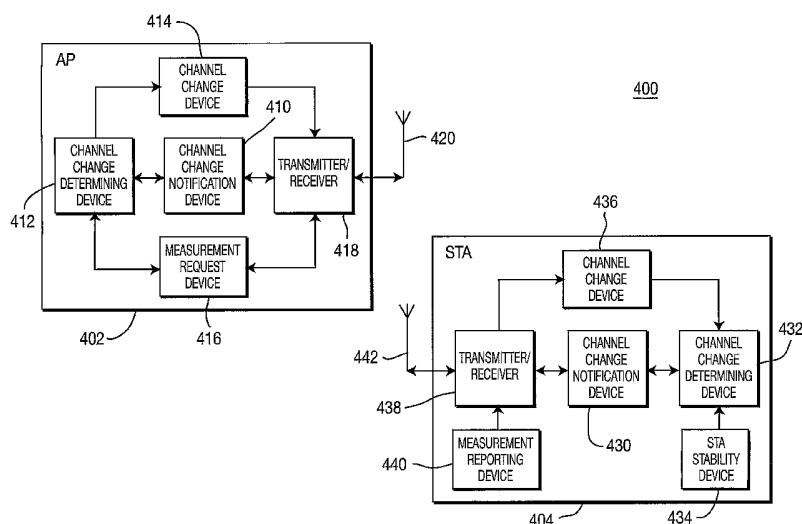
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(54) Title: SEAMLESS CHANNEL CHANGE IN A WIRELESS LOCAL AREA NETWORK



(57) Abstract: A method for seamless channel change in a wireless local area network having a station STA (204) and an access point AP (202) begins with sending a channel change intention message from the AP to STA (210). A channel change response message (212) is sent from STA to the AP, informing the AP whether the STA will follow the channel change. The AP determines whether to proceed with the channel change, and performs the change if the determination is positive.

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INTERNATIONAL SEARCH REPORT

International application No.

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A. CLASSIFICATION OF SUBJECT MATTER

IPC: H04Q 7/20(2006.01)

USPC: 455/445

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)

U.S. : 455/445, 450, 452, 453, 509, 515, 517, 518, 520; 370/329, 341, 431

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)
EAST, IEEE

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6,370,381 B1 (MINNICK et al) 09 April 2002 (09.04.2002), column 18 line 15 through column 19 line 30, column 8 line 40 through column 9 line 60, column 11 lines 35-55.	1-29

☐ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

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"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
"P" document published prior to the international filing date but later than the priority date claimed	

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