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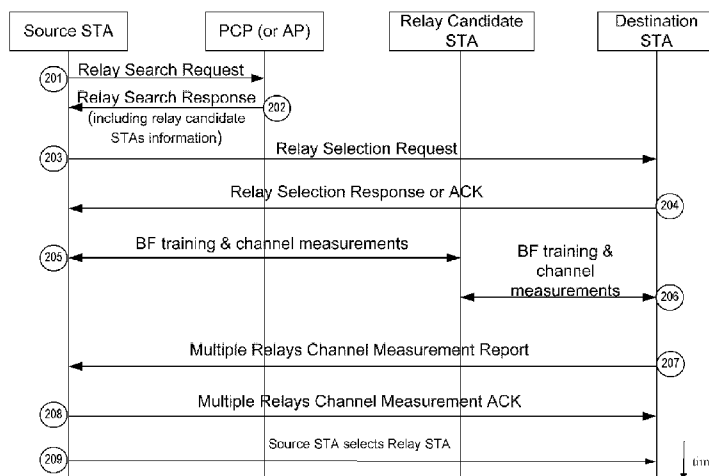
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(54) Title: METHOD AND SYSTEM FOR RESPONDER-AWARE RELAY STATION SELECTION IN WIRELESS COMMUNICATION NETWORKS

[Fig. 4]



(57) Abstract: Responder-aware relay station selection in a wireless communication network is provided. One implementation includes evaluating operational parameters of multiple candidate wireless relay stations, and selecting a wireless relay station among the multiple candidate wireless relay stations based on the evaluation. A wireless communication is transmitted to the selected wireless relay station over a wireless communication medium.

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INTERNATIONAL SEARCH REPORT

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PCT/KR2011/002711**A. CLASSIFICATION OF SUBJECT MATTER****H04B 7/14(2006.01)i, H04W 88/04(2009.01)i**

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B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

H04B 7/14; H01Q 1/38; H04L 12/26; H01Q 13/00; H04W 72/04; H04W 4/00

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: 60 GHz, relay selection

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2010-0008247 A1 (H. KWON et al.) 14 January 2010 See abstract, paragraphs [0008]-[0012], claims 1-9.	1-32
A	US 2009-0257386 A1 (M. ACHIR et al.) 15 October 2009 See the whole document.	1-32
A	US 2010-0081430 A1 (A. ROFOUGARAN) 01 April 2010 See the whole document.	1-32
A	US 2009-0237317 A1 (A. ROFOUGARAN) 24 September 2009 See the whole document.	1-32

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

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US 2009-0237317 A1	24.09.2009	US 2008-0238796 A1 US 7557758 B2	02.10.2008 07.07.2009