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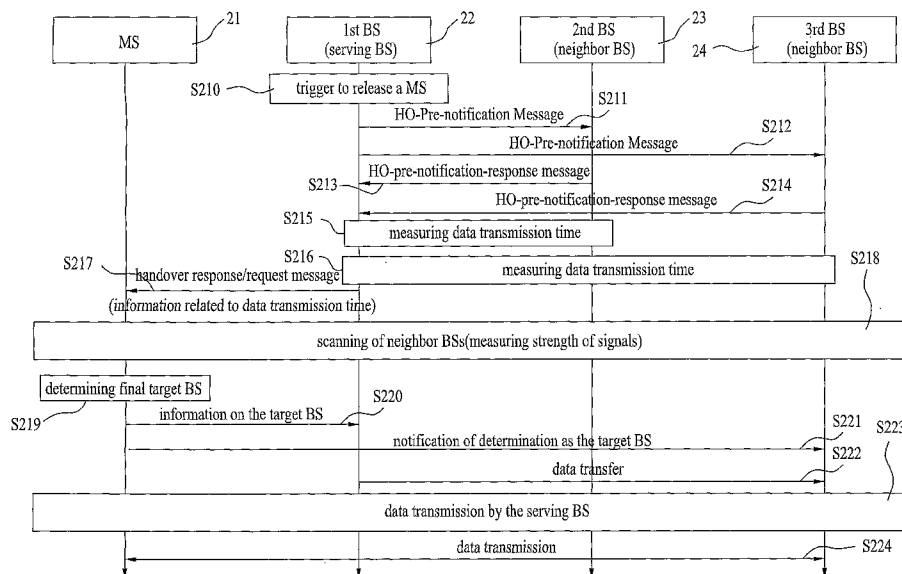
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(54) Title: METHOD OF PERFORMING HANDOVER IN A BROADBAND WIRELESS ACCESS SYSTEM



(57) Abstract: The present invention relates to a method of performing handover and a method of supporting handover in a broadband wireless, access system for minimizing service, transmission delay during handover. The present invention discloses a technical feature that the mobile station determines the target base station (24) for handover in consideration of information related to data transmission time (S217) necessary for transmitting data from the serving base station (22) to at least one neighbor base station (23, 24).

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INTERNATIONAL SEARCH REPORT

International application No.
PCT/KR 2005/002504

A. CLASSIFICATION OF SUBJECT MATTER

IPC⁸: **H04Q 7/38** (2006.01)

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)

IPC⁸: H04Q, H04L

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)

WPI, EPODOC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 1 411 739 A1 (LUCENT TECHNOLOGIES INC.) 21 April 2004 (21.04.2004) <i>abstract, fig. 1; paragraphs [0007], [0013], [0020], [0021], [0028], [0029], [0033]; claims 1, 3, 4, 6, 8, 9.</i>	1, 15, 21
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A	KOO, C. et al. "Enhancement of BS Initiated Handoff Algorithm for 802.16e", IEEE 802.16 BROADBAND WIRELESS ACCESS WORKING GROUP, IEEE C802.16e-03/68, [online], 7 November 2003 (07.11.2003) [retrieved on 19 December 2006 (19.12.2006)]. Retrieved from the Internet: <URL: http://www.ieee802.org/16/tge/contrib/C80216e-03_68.pdf >. <i>pages 1-4.</i>	1, 15, 21
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☒ Further documents are listed in the continuation of Box C.☒ 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.
A	WO 2003/092316 A1 (NOKIA CORPORATION) 6 November 2003 (06.11.2003) <i>abstract, figs. 1, 2, 7; paragraphs [0034]-[0043], [0056], [0057].</i>	1, 15, 21
A	-- US 2003/0142651 A1 (MATTA, J.M. et al.) 31 July 2003 (31.07.2003) <i>abstract, figs. 1, 8-10; paragraphs [0002]-[0007], [0012]-[0016], [0057], [0058], [0097]-[0102].</i>	1, 15, 21
A	-- EP 1 324 628 A1 (SONY INTERNATIONAL EUROPE GMBH) 2 July 2003 (02.07.2003) <i>abstract, figs. 3, 4, 24-30; paragraphs [0008], [0009], [0026]-[0029], [0077], [0080]-[0082].</i>	1, 15, 21

INTERNATIONAL SEARCH REPORT
Information on patent family members

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