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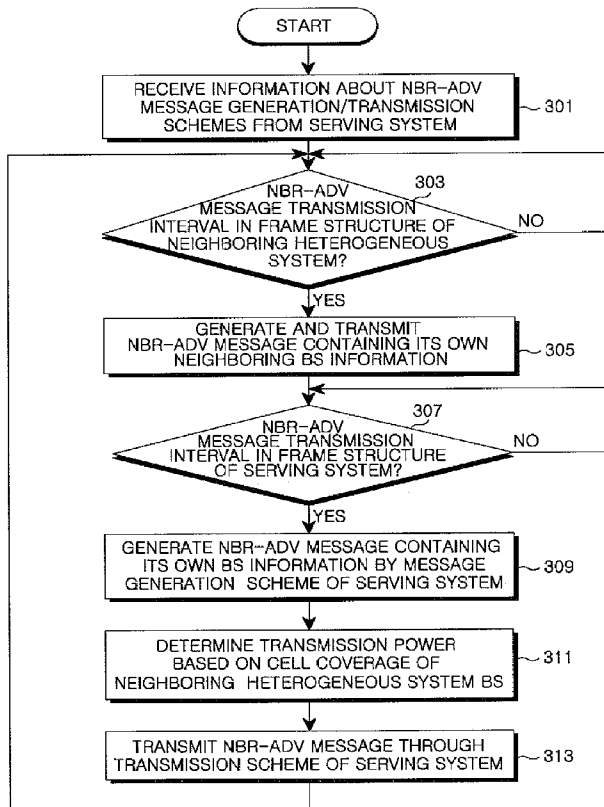
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(54) Title: APPARATUS AND METHOD FOR TRANSMITTING/RECEIVING MESSAGE FOR HANDOVER TO HETEROGENEOUS SYSTEM IN BROADBAND WIRELESS ACCESS

[Fig. 3]



(57) Abstract: Provided is an apparatus and method for transmitting/receiving a message for a handover to a heterogeneous system in a BWA system. In the method, a neighboring BS information message containing the neighboring heterogeneous system BS information is generated according to the neighboring BS information message generation scheme of the serving system. The serving system BS has only to transmit information about a neighboring BS of the serving system, thus reducing a message overhead. Also, the neighboring heterogeneous system BS has only to transmit its own BS information within the corresponding coverage, thus enabling efficient use of control channel resources.

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European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,
FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL,
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B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

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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 since 1975

Japanese utility models and applications for utility models since 1975

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

eKIPASS(KIPO internal) & keyword : "neighbor BS information" and "handover"

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X A	US 2006-0030322 A1 (KIM, JUN-HYUNG et al.) 09 February 2006 See fig. 1 and paras. 30-43	1-3, 11-14, 22 4-10, 15-21
X A	KR 10-2007-0072767 A (SK TELECOM CO., LTD.) 05 July 2007 See fig. 1 and claim 1	1-3, 12-14 4-11, 15-22
X A	KR 10-2006-0040804 A (SK TELECOM CO., LTD.) 11 May 2006 See figs. 3 and 5, and claims 4-6	1-3, 12-14 4-11, 15-22
A	WO 2001-10161 A1(QUALCOMM INCORPORATED) 08 February 2001 See abstract, and claims 1-5	1-22

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

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