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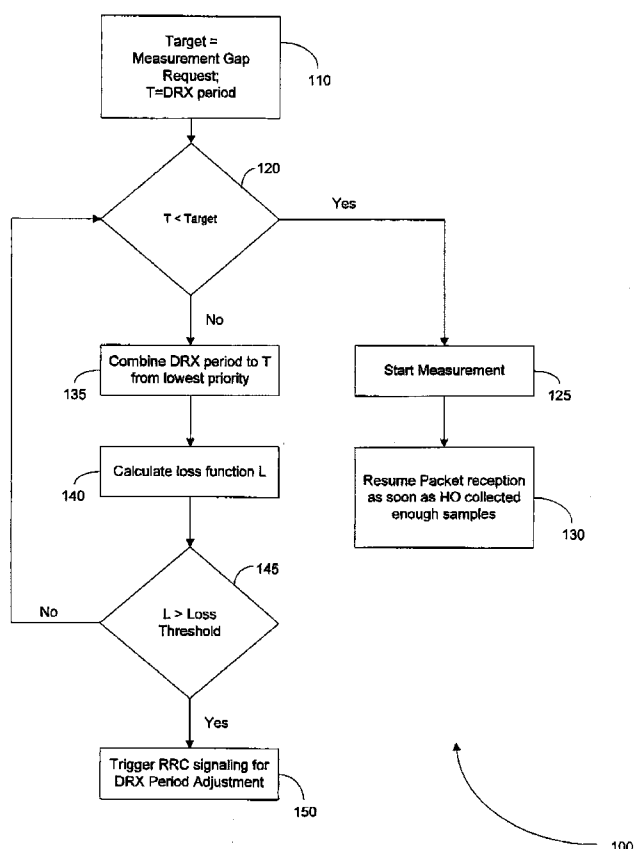
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[Continued on next page]

(54) Title: DISCONTINUOUS RECEPTION PRIORITY MAP TO ENHANCE MEASUREMENT GAP CONTROL



(57) Abstract: An apparatus, method, network element, system, and software product are provided for determining a target uplink or downlink transmission gap that would be advantageous during at least one measurement, such as a handover measurement. If the target transmission gap is greater than an allocated gap, then the invention combines at least one low priority period to form a consecutive gap that is at least as big as the target gap. The consecutive gap may include the allocated gap. Another innovation here is the notification of skipping gaps, from the user equipment to the network.



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FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, PL,
PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM,
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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

IPC: see extra sheet

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)

IPC: H04Q, H04L, H04B

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

SE,DK,FI,NO classes as above

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

EPO-INTERNAL, WPI DATA, PAJ, COMPENDEX, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 1467582 A1 (TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)), 13 October 2004 (13.10.2004), abstract --	1-34
A	WO 2004091241 A1 (TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)), 21 October 2004 (21.10.2004), abstract --	1-34
A	WO 2005011163 A1 (TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)), 3 February 2005 (03.02.2005), abstract, paragraph [0031] -- -----	1-34

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Cited literature, if any, will be enclosed in paper form.

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