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(54) Title: MULTI-RAT-MEASUREMENT REPORTING

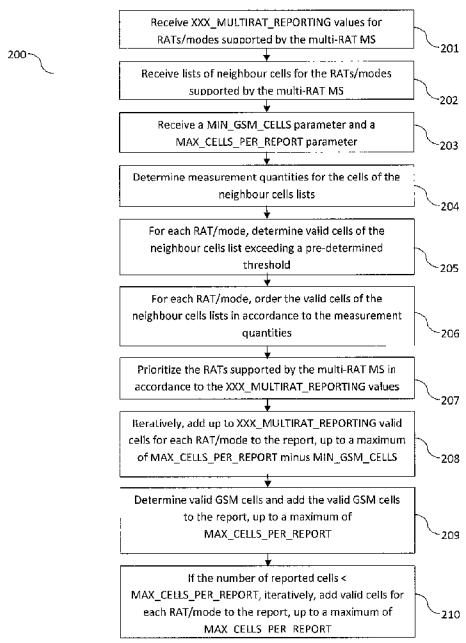


Fig. 1

(57) Abstract: The present document relates to digital cellular telecommunications systems, such as GSM (Global System for Mobile communication) networks. In particular, the present document relates to the radio sub-system link control implemented in the Mobile Station (MS), Base Station System (BSS) and/or Mobile Switching Centre (MSC) of such digital cellular telecommunications systems. A method (200) for preparing a measurement report on neighbour resources of a multi-RAT mobile station (100) is described. The MS (100) supports a plurality of radio access technologies (RATs). The method (200) comprises receiving (201) a plurality of RAT resource reporting values, each RAT resource reporting value indicating a number of resources of the corresponding RAT to be included into the measurement report; determining (205) a plurality of lists of valid neighbour resources associated with the plurality of RATs; and including (208) resources from the plurality of lists of valid neighbour resources into the measurement report according to a RAT sequence of the plurality of RATs, wherein a second resource of the given RAT is included into the report, subject to including a first resource into the measurement report, for each of the plurality of RATs for which the RAT resource reporting value is greater than zero.

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