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(54) Title: SCHEDULING DATA TRANSMISSIONS BETWEEN A MOBILE TERMINAL AND A BASE STATION IN A WIRELESS COMMUNICATIONS NETWORK

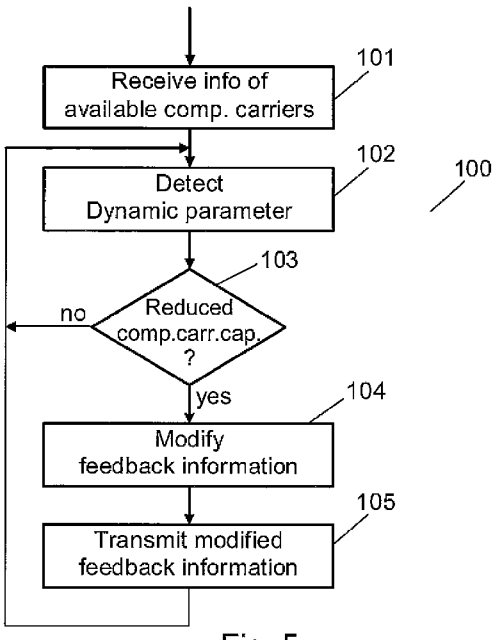


Fig. 5

(57) Abstract: A method of scheduling wireless data transmissions between a mobile terminal and a base station using multiple system carrier signals is disclosed. The method comprises the steps of receiving (101) in the mobile terminal information from the base station indicating available system carriers; detecting (102) at least one dynamic parameter indicative of the mobile terminal's current capability to handle non-contiguous system carriers; determining (103) from the dynamic parameter whether a situation has occurred where the mobile terminal's capability to handle non-contiguous system carriers has been reduced; modifying (104), in such case, feedback information to be transmitted to the base station; and transmitting (105) the modified feedback information to the base station. By modifying the feedback information in this way the mobile terminal reduces the likelihood that the base station allocates non-contiguous system carriers to the mobile terminal in situations where it has a reduced capability of handling such system carriers.

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