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(54) Title: IDENTIFYING MULTI-COMPONENT CARRIER CELLS

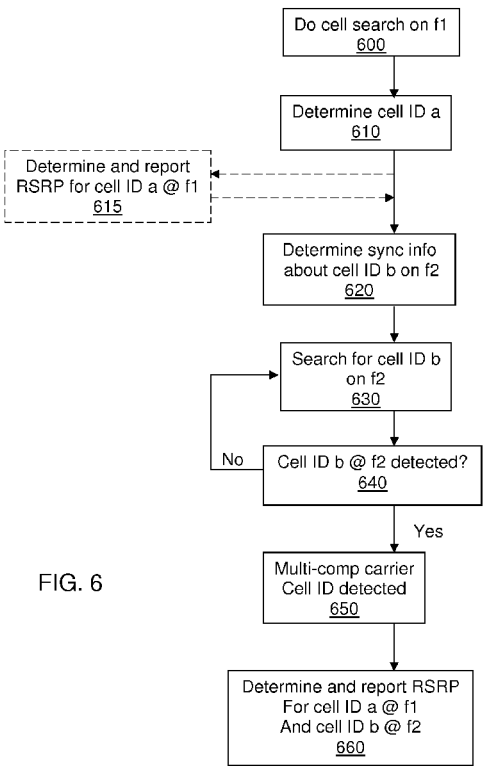


FIG. 6

(57) Abstract: Methods and apparatus for generating and determining multi-component carrier cells, without the use of neighbor-cell lists, are described. Methods for generating and informing a communication system terminal about other component carriers belonging to a certain cell identity (ID), and methods and apparatus for a mobile terminal utilizing extended synchronization information for doing multi-component carrier cell search are described. Also, methods for multi-component carrier measurements and methods of reporting such measurements to a network are described.

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