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(54) **METHOD AND SYSTEM FOR REALIZING CARRIER CONTROL**

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(57) **ABSTRACT**

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The present disclosure provides a method and system for realizing a carrier control. The method includes: a BBU obtains and collects on-off state information of corresponding logic carriers of all configured cells and logic physical relationships of carrier frequencies according to on-off states of physical carriers reported by RRUs and reports them to a Base Station Controller (BSC); the BSC re-determines the on-off states of the logic carriers and returns them to the BBU; and the BBU converts the obtained on-off states of the logic carriers into on-off states of the physical carriers and transmits them to corresponding RRUs, and the RRUs perform carrier controls according to the obtained on-off states of the physical carriers. By the method of the present disclosure, the BSC ensures itself to be consistent with the on-off states of the carriers of the RRU by effectively controlling the on-off states of the RRU through the BBU, so that carriers are well controlled and the target of saving energy and reducing consumption is better achieved.

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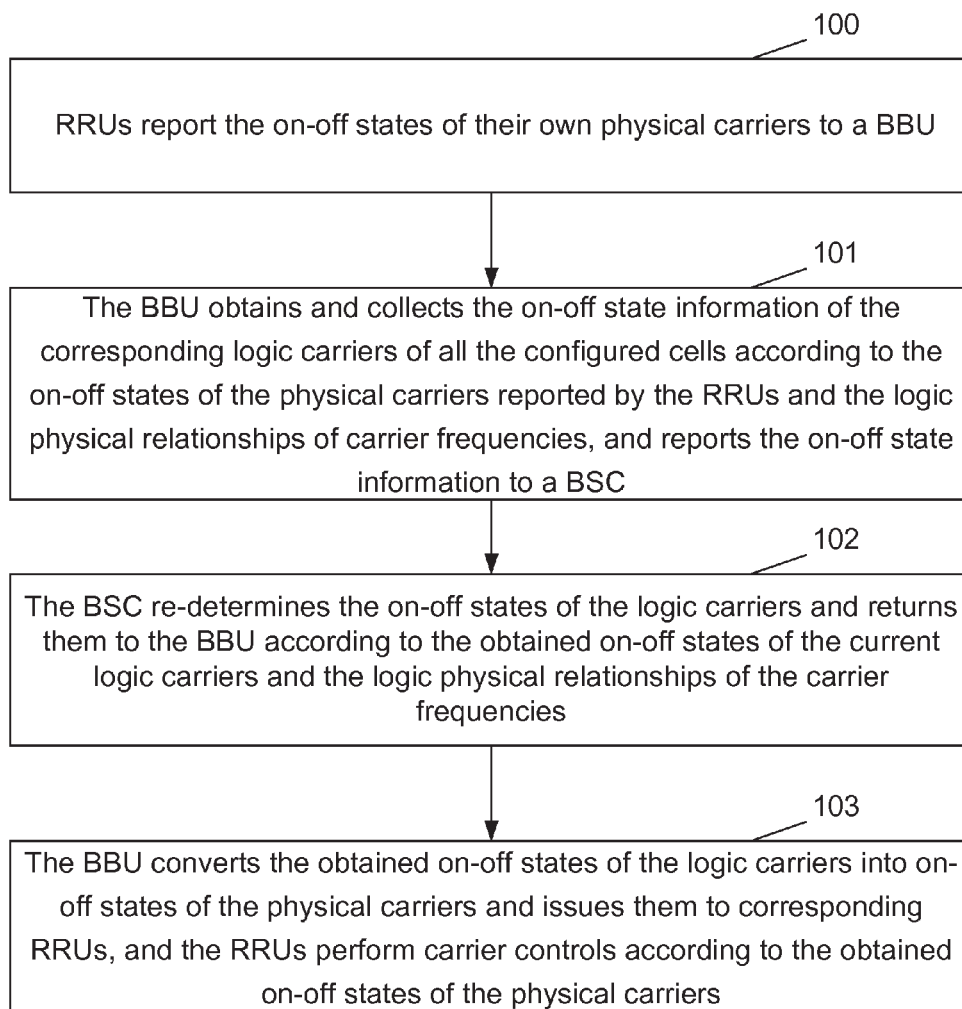


Fig. 1

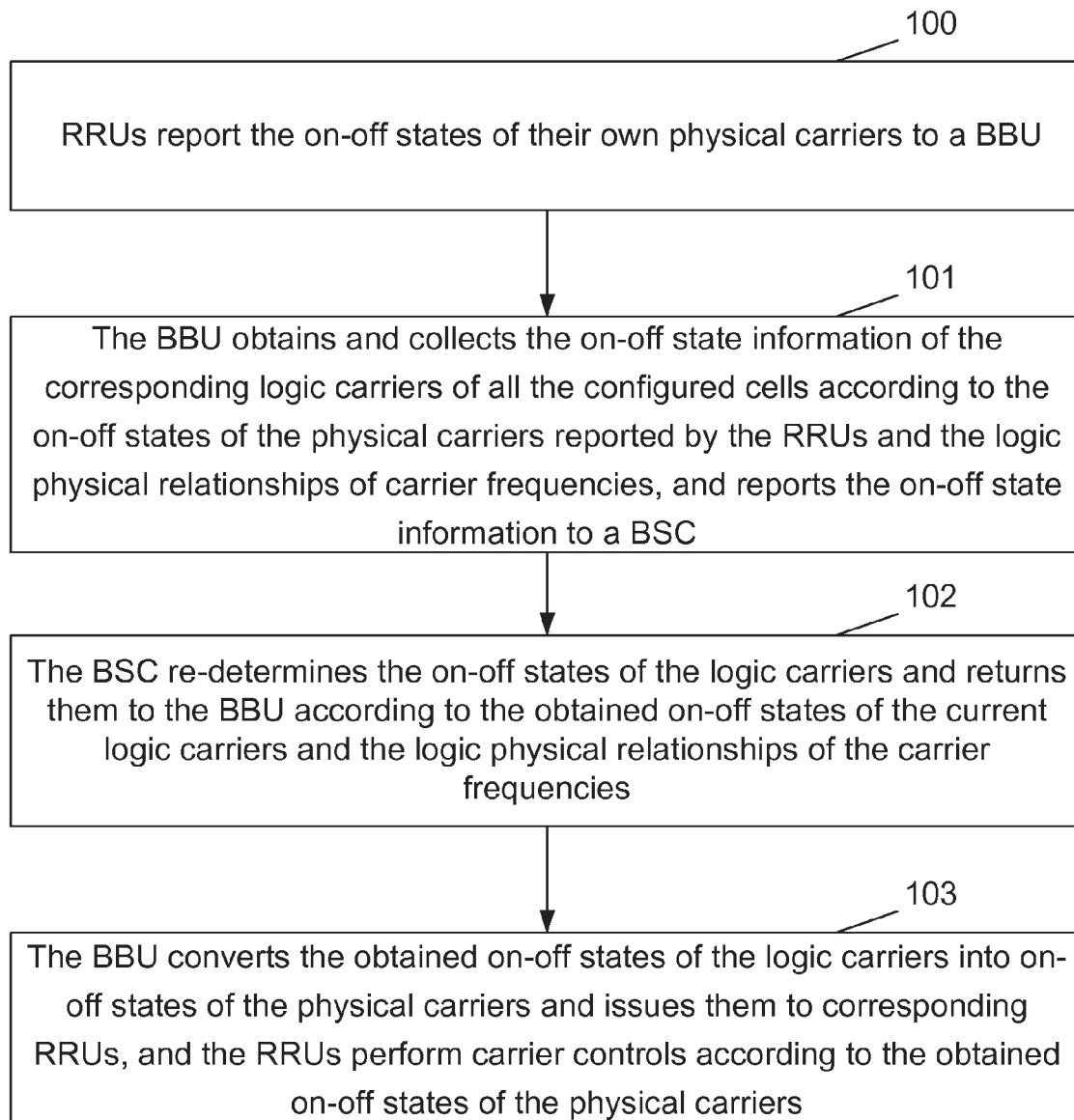


Fig. 2

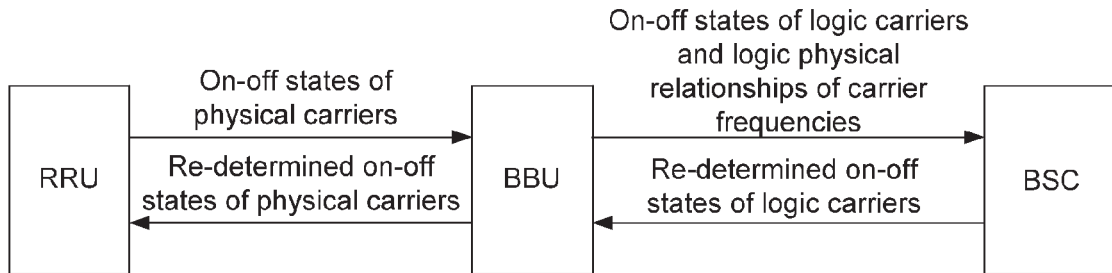


Fig. 3

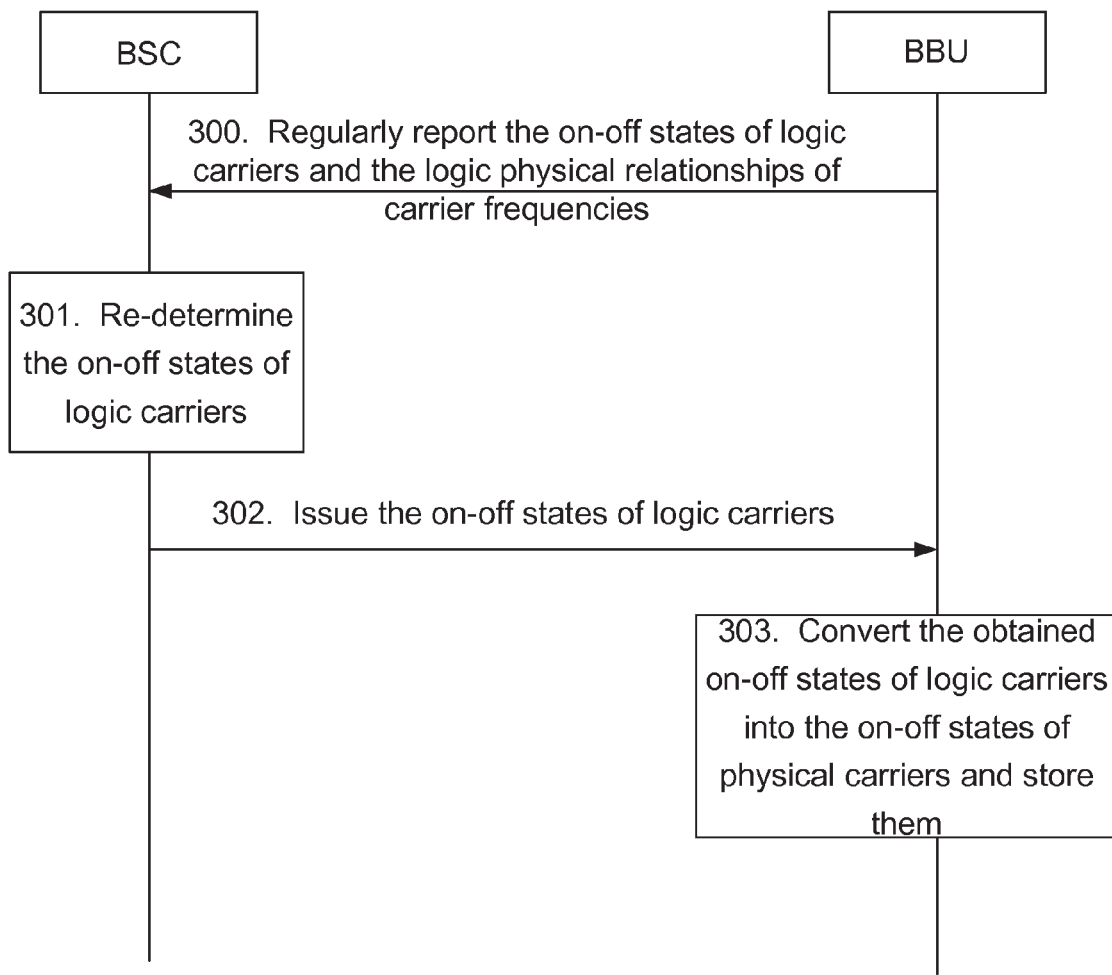


Fig. 4

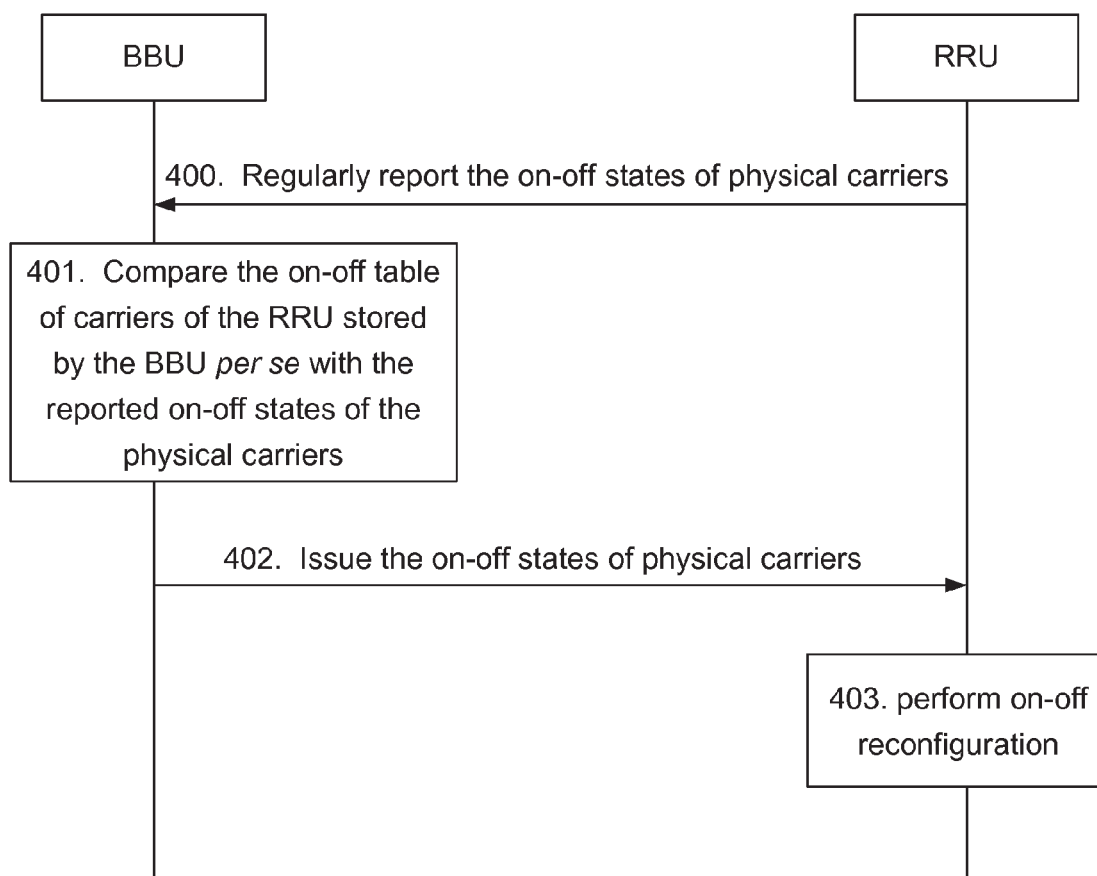


Fig. 5

