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— 包括国际检索报告 (条约第 21 条(3))。

(54) Title: CELL ACTIVATION CONTROL METHOD, BASE STATION AND TERMINAL

(54) 发明名称: 小区激活控制方法、基站及终端



图 1 / Fig. 1

110 A BASE STATION RECEIVING A RECONFIGURATION MESSAGE OF RADIO RESOURCE CONTROL (RRC)

102 ACCORDING TO THE RECONFIGURATION INFORMATION OF RRC, IF A SECONDARY CELL BELONGING TO THE BASE STATION PARTICIPATES IN MULTI-FLOW TRANSMISSION AND IS A CELL WHICH PARTICIPATES IN MULTI-FLOW TRANSMISSION BEFORE THE BASE STATION RECEIVES THE RECONFIGURATION MESSAGE OF RRC, THE BASE STATION MAINTAINING THE CELL STATE OF THE SECONDARY CELL UNCHANGED; AND IF THE SECONDARY CELL BELONGING TO THE BASE STATION PARTICIPATES IN THE MULTI-FLOW TRANSMISSION BUT IS NOT A CELL WHICH PARTICIPATES IN THE MULTI-FLOW TRANSMISSION BEFORE THE BASE STATION RECEIVES THE RECONFIGURATION MESSAGE OF RRC, ACTIVATING THE SECONDARY CELL

(57) Abstract: Provided are a cell activation control method, a base station and a terminal. The cell activation control method comprises: a base station receiving a reconfiguration message of radio resource control (RRC), the reconfiguration message of RRC carrying cell identification information about a plurality of cells; and according to the cell identification information about the plurality of cells, if it is judged and learnt that a first cell of the plurality of cells belonging to the base station is a secondary cell or an auxiliary secondary cell and is a cell which participates in multi-flow transmission before the base station receives the reconfiguration message of RRC, the base station maintaining the cell state of the first cell unchanged. By judging the cell identification information in a reconfiguration message of RRC signalling, the cell activation control method, base station and terminal provided in the embodiments of the present invention enable corresponding cells to remember the previous activation state or conduct activation, thereby optimally configuring the activation or deactivation state of the cell which participates in the multi-flow transmission during reconfiguration of RRC signalling in an MF-Tx scenario.

(57) 摘要:

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本发明实施例提供一种小区激活控制方法、基站及终端，该小区激活控制方法包括：基站接收无线资源控制 RRC 重配置消息，其中，RRC 重配置消息中携带有多个小区的小区识别信息；基站根据多个小区的小区识别信息，若判断获知多个小区中的属于基站的第一小区为辅小区或辅辅助小区，且为基站接收到 RRC 重配置消息之前参与多流传输的小区，则保持第一小区的小区状态不变。本发明实施例提供的小区激活控制方法、基站及终端，通过对 RRC 信令重配消息中小区识别信息的判断，令相应的小区记住之前的激活状态或进行激活处理，从而在 MF-Tx 场景下，实现 RRC 信令重配时，优化配置参与多流传输小区的激活或去激活状态。