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(54) Title: DATA PACKET SENDING METHOD AND RADIO ACCESS NETWORK DEVICE

(54) 发明名称: 数据包发送方法及无线接入网设备

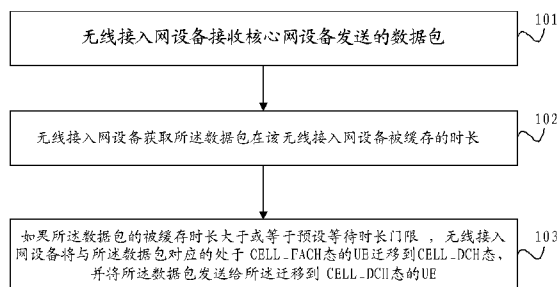


图 1 / Fig. 1

101 A RADIO ACCESS NETWORK DEVICE RECEIVES A DATA PACKET SENT BY A CORE NETWORK DEVICE
102 THE RADIO ACCESS NETWORK DEVICE OBTAINS A DURATION WHEN THE DATA PACKET IS BUFFERED IN THE RADIO ACCESS NETWORK DEVICE
103 IF THE DURATION WHEN THE DATA PACKET IS BUFFERED IS GREATER THAN OR EQUAL TO A PRESET WAIT DURATION THRESHOLD, THE RADIO ACCESS NETWORK DEVICE TRANSITS A UE IN A CELL_FACH STATE CORRESPONDING TO THE DATA PACKET TO A CELL_DCH STATE, AND SENDS THE DATA PACKET TO THE UE TRANSITED TO THE CELL_DCH STATE

(57) Abstract: The embodiments of the present invention provide a data packet sending method and a radio access network device. The method comprises: a radio access network device receiving a data packet sent by a core network device; obtaining a duration when the data packet is buffered in the radio access network device; and if the duration when the data packet is buffered is greater than or equal to a preset wait duration threshold, transiting a UE in a CELL_FACH state corresponding to the data packet to a CELL_DCH state, and sending the data packet to the UE transited to the CELL_DCH state. By means of the technical solution of the present invention, when congestion occurs to the FACH, the UE is enabled to obtain the data packet in real time and perform services normally, thereby improving the user experience.

(57) 摘要: 本发明实施例提供一种数据包发送方法及无线接入网设备。其中, 方法包括: 无线接入网设备接收核心网设备发送的数据包; 获取数据包在无线接入网设备被缓存的时长; 如果数据包的被缓存的时长大于或等于预设等待时长门限, 将与数据包对应的处于 CELL_FACH 态的用户设备迁移到 CELL_DCH 态, 并将数据包发送给迁移到 CELL_DCH 态的用户设备。本发明技术方案可以在 FACH 发生拥塞时, 使 UE 能够及时获取到数据包而正常开展业务, 提高了用户的体验度。

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— 包括国际检索报告(条约第 21 条(3))。