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(54) Title: COMMUNICATION METHOD AND APPARATUS, AND COMPUTER-READABLE STORAGE MEDIUM

(54) 发明名称: 通信方法、装置及计算机可读存储介质

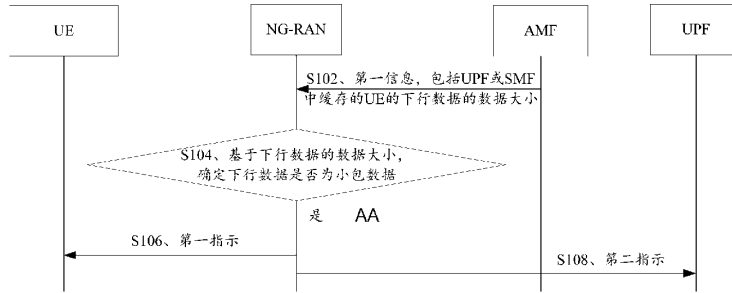


图 4

S102 First information, which comprises the data size of downlink data of a UE that is cached in a UPF or an SMF

S104 Determine, on the basis of the data size of the downlink data, whether the downlink data is small data

S106 First instruction

S108 Second instruction

AA Yes

(57) Abstract: Provided in the embodiments of the present application are a communication method and apparatus, and a storage medium. The communication method may comprise: an access network device receiving first information from an access and mobility management function network element, wherein the first information carries the data size of downlink data of a terminal device that is cached in a user plane function network element or a session management function network element, the terminal device being in an inactive state and being configured with an extended discontinuous reception period by means of the access network device; the access network device determining that the downlink data is small data on the basis of the data size of the downlink data; the access network device sending a first instruction to the terminal device, so as to instruct the terminal device to perform small data transmission; and the access network device sending a second instruction to the access and mobility management function network element or the user plane function network element, so as to instruct the user plane function network element to send the small data to the access network device.

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本国际公布:
— 包括国际检索报告(条约第21条(3))。

By adopting the embodiments of the present application, a terminal device can be supported to maintain an inactive state to transmit data or signaling, so that the power consumption of the terminal device can be saved on.

(57) 摘要: 本申请实施例提供一种通信方法、装置及存储介质。其中, 通信方法可包括: 接入网设备从接入和移动性管理功能网元接收第一信息, 第一信息携带有用户面功能网元或会话管理功能网元中缓存的终端设备的下行数据的数据大小, 终端设备处于非激活态且被接入网设备配置了扩展的非连续接收周期; 接入网设备基于下行数据的数据大小确定下行数据为小包数据; 接入网设备向终端设备发送第一指示, 以指示终端设备进行小包数据传输; 接入网设备向接入和移动性管理功能网元或者用户面功能网元发送第二指示, 以指示用户面功能网元向接入网设备发送小包数据。采用本申请实施例, 能够支持终端设备维持非激活态进行数据或者信令的传输, 可节省终端设备的功耗。