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(54) Title: COMMUNICATION METHOD AND APPARATUS, STORAGE MEDIUM, AND CHIP SYSTEM

(54) 发明名称: 一种通信方法及装置、存储介质和芯片系统

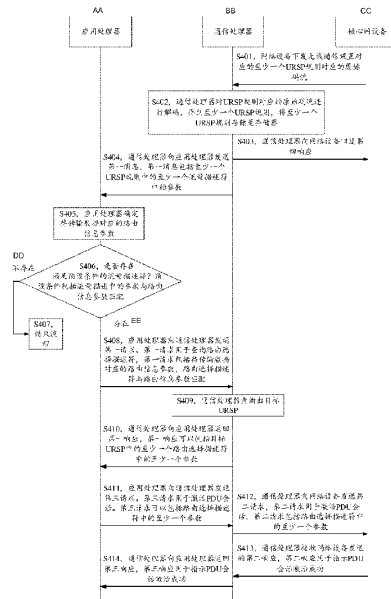


图 4

S401 A NETWORK DEVICE ISSUES AN ORIGINAL CODE STREAM CORRESPONDING TO AT LEAST ONE URSP RULE CORRESPONDING TO A WIRELESS COMMUNICATION APPARATUS  
S402 A COMMUNICATION PROCESSOR DECODES THE ORIGINAL CODE STREAM CORRESPONDING TO THE URSP RULE TO OBTAIN AT LEAST ONE URSP RULE, AND STORES THE AT LEAST ONE URSP RULE TO A MEMORY  
S403 THE COMMUNICATION PROCESSOR RETURNS A FOURTH RESPONSE TO THE NETWORK DEVICE  
S404 THE COMMUNICATION PROCESSOR SENDS A FIRST MESSAGE TO AN APPLICATION PROCESSOR, THE FIRST MESSAGE COMPRISING A PARAMETER IN AT LEAST ONE TRAFFIC DESCRIPTOR IN THE AT LEAST ONE URSP RULE  
S405 THE APPLICATION PROCESSOR DETERMINES A ROUTE INFORMATION PARAMETER CORRESPONDING TO DATA TO BE TRANSMITTED  
S406 DOES A TRAFFIC DESCRIPTOR SATISFYING A PRESET CONDITION EXIST? THE PRESET CONDITION COMPRISES THAT THE PARAMETER OF THE TRAFFIC DESCRIPTOR MATCHES THE ROUTE INFORMATION PARAMETER  
S407 END THE PROCESS  
S408 THE APPLICATION PROCESSOR SENDS A FIRST REQUEST TO THE COMMUNICATION PROCESSOR, THE FIRST REQUEST BEING USED FOR QUERYING A ROUTE SELECTION DESCRIPTOR, THE FIRST REQUEST COMPRISING THE ROUTE INFORMATION PARAMETER CORRESPONDING TO THE DATA TO BE TRANSMITTED, AND THE ROUTE SELECTION DESCRIPTOR MATCHING THE ROUTE INFORMATION PARAMETER  
S409 THE COMMUNICATION PROCESSOR OBTAINS A TARGET URSP  
S410 THE COMMUNICATION PROCESSOR RETURNS A FIRST RESPONSE TO THE APPLICATION PROCESSOR, WHEREIN THE FIRST RESPONSE MAY COMPRISE AT LEAST ONE PARAMETER IN AT LEAST ONE ROUTE SELECTION DESCRIPTOR IN THE TARGET URSP  
S411 THE APPLICATION PROCESSOR SENDS A THIRD REQUEST TO THE COMMUNICATION PROCESSOR, WHEREIN THE THIRD REQUEST IS USED FOR ACTIVATING A PDU SESSION AND THE THIRD REQUEST MAY COMPRISE AT LEAST ONE PARAMETER IN THE ROUTE SELECTION DESCRIPTOR  
S412 THE COMMUNICATION PROCESSOR SENDS A SECOND REQUEST TO THE NETWORK DEVICE, THE SECOND REQUEST BEING USED FOR ACTIVATING A PDU SESSION, AND THE SECOND REQUEST COMPRISING AT LEAST ONE PARAMETER IN THE ROUTE SELECTION DESCRIPTOR  
S413 THE COMMUNICATION PROCESSOR RECEIVES A SECOND RESPONSE SENT BY THE NETWORK DEVICE, THE SECOND RESPONSE BEING USED FOR INDICATING THAT THE PDU SESSION IS SUCCESSFULLY ACTIVATED  
S414 THE COMMUNICATION PROCESSOR RETURNS A THIRD RESPONSE TO THE APPLICATION PROCESSOR, THE THIRD RESPONSE BEING USED FOR INDICATING THAT THE PDU SESSION IS SUCCESSFULLY ACTIVATED  
AA APPLICATION PROCESSOR  
BB COMMUNICATION PROCESSOR  
CC CORE NETWORK DEVICE  
DD NOT  
EE YES

(57) Abstract: A communication method and apparatus, a storage medium, and a chip system, for use in implementing URSP characteristics by means of a communication processor installed on the communication apparatus, so as to improve the usage rate of the URSP characteristics in products. In the present application, a wireless communication apparatus comprises a communication processor and an application processor, and the communication processor and the application processor are coupled. The communication processor is used for receiving a first request sent by the application processor, the first request being used for querying a route selection descriptor,

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本国际公布:

- 包括国际检索报告 (条约第21条(3))。
- 包括经修改的权利要求 (条约第19条(1))。

and the first request comprising a route information parameter corresponding to data to be transmitted. The communication processor is used for sending a second request to a network device, the second request being used for activating a PDU session, the second request comprising at least one parameter in the route selection descriptor, and the route selection descriptor matching the route information parameter. The URSP characteristics are implemented by means of the installed communications processor, so that the usage rate of the URSP characteristics in products can be improved.

(57) 摘要: 一种通信方法及装置、存储介质和芯片系统, 用于通过通信装置上安装的通信处理器实现URSP特性, 以提高URSP特性在产品中的使用率。本申请中无线通信装置包括通信处理器和应用处理器, 通信处理器与应用处理器耦合。通信处理器用于接收应用处理器发送的第一请求, 第一请求用于查询路由选择描述符。第一请求包括待传输数据对应的路由信息参数。通信处理器用于向网络设备发送第二请求。第二请求用于激活PDU会话。第二请求包括路由选择描述符中的至少一个参数。路由选择描述符与路由信息参数匹配。由于通过安装的通信处理器实现URSP特性。从而可以提高URSP特性在产品中的使用率。