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(54) Title: INTERFACE SWITCHING METHOD AND DEVICE

(54) 发明名称: 接口切换方法和装置

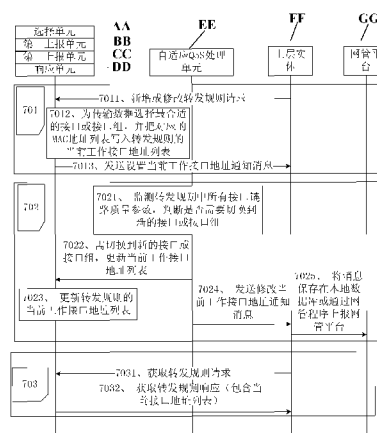


图 7 /FIG. 7

7011 Newly adding or modifying a forwarding rule request
7012 Selecting a most appropriate interface or interface group for data transmission, and writing a corresponding MAC address list in a current operating interface address list of a forwarding rule
7013 Sending a notification message to set a current operating interface address list
7021 Monitoring all the interface link quality parameters in the forwarding rule, and judging whether it is required to switch to a new interface or interface group
7022 If it is required to switch to a new interface or interface group, updating the current operating interface address list
7023 Updating the current operating interface address list of the forwarding rule
7024 Sending a notification message to modify the current operating interface address
7025 Saving the message in a local database or reporting same to a network management platform by means of a network management program
7031 Acquiring the forwarding rule request
7032 Acquiring a forwarding rule response (containing the current interface address list)
AA Selection unit
BB First reporting unit
CC Second reporting unit
DD Response unit
EE Adaptive QoS processing unit
FF Upper-layer entity
GG Network management platform

(57) Abstract: An interface switching method and device, which relate to the field of communications and solve the problem that the data transmission efficiency is affected due to an inappropriate selection of an interface. The method comprises: according to a data matching forwarding rule, an abstraction layer selecting or switching an interface or an interface group used for transmitting the data. The technical solution provided in the embodiments of the present invention is applicable to a home network, thereby realizing a mechanism that an abstraction layer of a multimedia home network device intelligently selects or switches the interface for transmitting data according to information such as link quality and the like.

(57) 摘要: 一种接口切换方法和装置。涉及通信领域; 解决了接口选择不当影响传输数据效率的问题。该方法包括: 抽象层根据数据匹配的转发规则, 选择或切换传输所述数据所使用的接口或接口组。本发明实施例提供的技术方案适用于家庭网络中, 实现了多介质家庭网络设备的抽象层根据链路质量等信息智能选择或切换传输数据的接口的机制。



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RS, SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, KM, ML, MR, NE, SN, TD, TG)。

— 发明人资格(细则 4.17(iv))

本国际公布:

— 包括国际检索报告(条约第 21 条(3))。

根据细则 4.17 的声明:

— 关于申请人有权申请并被授予专利(细则 4.17(ii))