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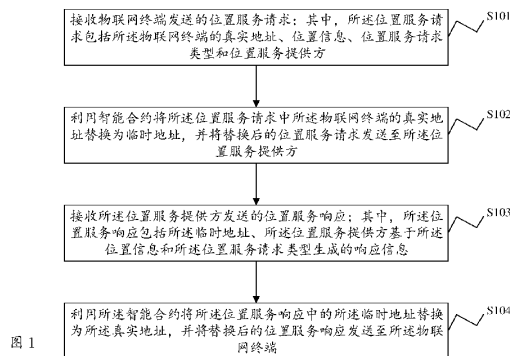
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(54) Title: LOCATION-BASED SERVICE DATA PROCESSING METHOD AND APPARATUS

(54) 发明名称: 基于位置的服务数据处理方法及装置



S101 RECEIVE A LOCATION SERVICE REQUEST SENT BY AN INTERNET OF THINGS TERMINAL, THE LOCATION SERVICE REQUEST COMPRISING A REAL ADDRESS, LOCATION INFORMATION, A LOCATION SERVICE REQUEST TYPE, AND A LOCATION SERVICE PROVIDER OF THE INTERNET OF THINGS TERMINAL

S102 REPLACE THE REAL ADDRESS OF THE INTERNET OF THINGS TERMINAL IN THE LOCATION SERVICE REQUEST WITH A TEMPORARY ADDRESS BY USING A SMART CONTRACT, AND SEND A LOCATION SERVICE REQUEST AFTER REPLACEMENT TO THE LOCATION SERVICE PROVIDER

S103 RECEIVE A LOCATION SERVICE RESPONSE SENT BY THE LOCATION SERVICE PROVIDER, THE LOCATION SERVICE RESPONSE COMPRISING THE TEMPORARY ADDRESS AND RESPONSE INFORMATION GENERATED BY THE LOCATION SERVICE PROVIDER ON THE BASIS OF THE LOCATION INFORMATION AND THE LOCATION SERVICE REQUEST TYPE

S104 REPLACE THE TEMPORARY ADDRESS IN THE LOCATION SERVICE RESPONSE WITH THE REAL ADDRESS BY USING THE SMART CONTRACT, AND SEND A LOCATION SERVICE RESPONSE AFTER REPLACEMENT TO THE INTERNET OF THINGS TERMINAL

(57) Abstract: The present disclosure provides a location-based service data processing method and apparatus, an electronic device, and a computer readable storage medium. The method comprises: receiving a location service request sent by an Internet of things terminal, the location service request comprising a real address, location information, a location service request type, and a location service provider of the Internet of things terminal; replacing the real address of the Internet of things terminal in the location service request with a temporary address by using a smart contract, and sending a location service request after replacement to the location

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service provider; receiving a location service response sent by the location service provider, the location service response comprising the temporary address and response information generated by the location service provider on the basis of the location information and the location service request type; and replacing the temporary address in the location service response with the real address by using the smart contract, and sending a location service response after replacement to the Internet of things terminal.

(57) 摘要: 本公开提供的基于位置的服务数据处理方法、装置及电子设备和计算机可读存储介质, 该方法包括: 接收物联网终端发送的位置服务请求; 位置服务请求包括物联网终端的真实地址、位置信息、位置服务请求类型和位置服务提供方; 利用智能合约将位置服务请求中物联网终端的真实地址替换为临时地址, 并将替换后的位置服务请求发送至位置服务提供方; 接收位置服务提供方发送的位置服务响应; 位置服务响应包括临时地址、位置服务提供方基于位置信息和位置服务请求类型生成的响应信息; 利用智能合约将位置服务响应中的临时地址替换为真实地址, 并将替换后的位置服务响应发送至物联网终端。