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本国际公布:
— 包括国际检索报告(条约第21条(3))。

(54) **Title:** NETWORK PLANNING CONSTRUCTION METHOD, APPARATUS, DEVICE AND MEDIUM

(54) 发明名称: 一种网络规划建设方法、装置、设备及介质

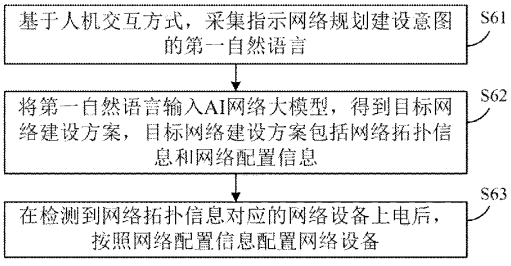

图 6

S61 On the basis of a human-machine interaction mode, collect a first natural language indicating a network planning construction intent

S62 Input the first natural language into an AI network large model to obtain a target network construction solution, the target network construction solution comprising network topology information and network configuration information

S63 When it is detected that a network device corresponding to the network topology information is powered on, configure the network device according to the network configuration information

(57) **Abstract:** Embodiments of the present application relate to the technical field of artificial intelligence (AI), and provide a network planning construction method, an apparatus, a device and a medium. The method comprises: on the basis of a human-machine interaction mode, collecting a first natural language indicating a network planning construction intent; inputting the first natural language into an AI network large model to obtain a target network construction solution, the target network construction solution comprising network topology information and network configuration information; and when it is detected that a network device corresponding to the network topology information is powered on, configuring the network device according to the network configuration information. The adoption of the technical solution provided by the embodiments of the present application can improve the ability to understand user service-level intents, improve the scalability of intent collection, and improve the adaptability to scenarios and networking.

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(57) 摘要: 本申请实施例提供了一种网络规划建设方法、装置、设备及介质，涉及人工智能技术领域，该方法包括：基于人机交互方式，采集指示网络规划建设意图的第一自然语言；将第一自然语言输入AI网络大模型，得到目标网络建设方案，目标网络建设方案包括网络拓扑信息和网络配置信息；在检测到网络拓扑信息对应的网络设备上电后，按照网络配置信息配置网络设备。应用本申请实施例提供的技术方案可以增加用户业务级别的意图的理解能力，提高意图采集的扩展能力，以及提高对场景和组网的适配能力。