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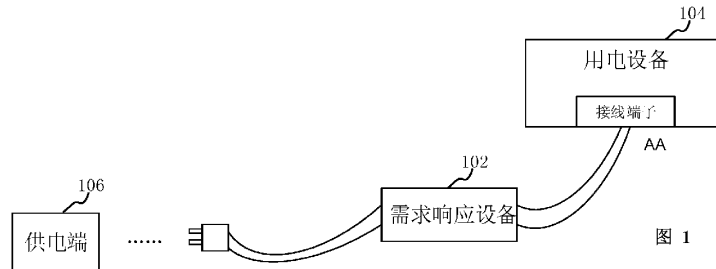
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(54) Title: POWER DEMAND RESPONSE ADJUSTMENT METHOD AND APPARATUS, AND COMPUTER DEVICE AND STORAGE MEDIUM

(54) 发明名称: 电力需求响应调节方法、装置、计算机设备及存储介质



102 DEMAND RESPONSE DEVICE
104 ELECTRIC DEVICE
106 POWER SUPPLY END
AA WIRING TERMINAL

(57) Abstract: The present disclosure relates to a power demand response adjustment method and apparatus, and a computer device, a storage medium and a computer program product. The method is applied to a demand response device, and the demand response device is arranged between a wiring terminal of an electric device and a wiring of a power source line. The method comprises: acquiring real-time operation parameters of an electric device; analyzing the real-time operation parameters, so as to obtain the real-time response power amount of the electric device; sending the real-time response power amount to a power supply end, and receiving a first demand response adjustment instruction, which is returned by the power supply end when it is determined, on the basis of making a comparison between an adjustable total response power amount of an electric unit and a preset response power amount, that an adjustment demand is met, wherein the adjustable total response power amount of the electric unit is determined according to the real-time response power amount, and performing demand response adjustment on the electric device on the basis of the first demand response adjustment instruction.

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本国际公布:

— 包括国际检索报告(条约第21条(3))。

(57) 摘要: 本公开涉及一种电力需求响应调节方法、装置、计算机设备、存储介质和计算机程序产品。应用于需求响应设备, 需求响应设备设置于用电设备接线端子与电源线接线之间, 所述方法包括: 获取用电设备的实时运行参数; 对实时运行参数进行分析, 得到用电设备的实时响应功率量; 将实时响应功率量发送至供电端, 接收供电端基于用电单位的可调节总响应功率量与预设响应功率量进行对比确定满足调节需求时所返回的第一需求响应调节指令; 用电单位的可调节总响应功率量根据各实时响应功率量确定; 基于第一需求响应调节指令, 对用电设备进行需求响应调节。