US 20230231919A1

(54) **CONTROL METHOD, CONTROL APPARATUS AND CLOUD-BASED CONTROL SYSTEM**

(71) Applicant: **GREE ELECTRIC APPLIANCES, INC. OF ZHUHAI**, Zhuhai, Guangdong (CN)

(72) Inventors: **Guixian Mou**, Zhuhai, Guangdong (CN); **Qinxin Lin**, Zhuhai, Guangdong (CN); **Zongyan Chen**, Zhuhai, Guangdong (CN); **Bin Wu**, Zhuhai, Guangdong (CN); **Yimou Sun**, Zhuhai, Guangdong (CN); **Wenbiao Wen**, Zhuhai, Guangdong (CN); **Jinnan Zhou**, Zhuhai, Guangdong (CN); **Liyun Wan**, Zhuhai, Guangdong (CN)

Publication Classification

(57) **ABSTRACT**

The disclosure provides a control method, a control apparatus and a cloud-based control system, and belongs to the technical field of cloud-based control. The control method includes: receiving first identification information sent by a client, wherein the first identification information comprises a first identifier and first position information of a device to be controlled; verifying whether the first identifier corresponds to the first position information; if the first identifier corresponds to the first position information, sending a verification requirement to the client, wherein the verification requirement is used for requesting a user to control the device to be controlled at a position of the device to be controlled; receiving a control instruction for the device to be controlled sent by a current control device; determining, according to the verification requirement and the control instruction, whether the client has control permission to the device to be controlled; if the client has the control permission, receiving a remote control instruction sent by the client, and controlling the device to be controlled through the current control device.

Receiving first identification information sent by a client — 102

Verifying whether the first identifier corresponds to the first position information — 104

If the first identifier corresponds to the first position information, sending a verification requirement to the client — 106

Receiving a control instruction for the device to be controlled sent by a current control device — 108

Determining, according to the verification requirement and the control instruction, whether the client has control permission to the device to be controlled — 110

if the client has the control permission, receiving a remote control instruction sent by the client, and controlling the device to be controlled through the current control device — 112