

Title (en)

WRENCH DEVICE AND METHOD FOR CONTROLLING SAME

Title (de)

SCHRAUBENSCHLÜSSELVORRICHTUNG UND VERFAHREN ZUR STEUERUNG DAVON

Title (fr)

DISPOSITIF DE CLÉ ET PROCÉDÉ DE COMMANDE DE CELUI-CI

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Application

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Abstract (en)

A wrench device and a method for controlling the same are provided. The wrench device comprises: at least two wrenches, each wrench being provided with a control mechanism; a sliding assembly, all of the wrenches being assembled on the sliding assembly and sliding synchronously with the sliding assembly; and an online mechanism, wherein the control mechanisms of all the wrenches are in communication connection by means of the online mechanism, such that the control mechanism of one of the wrenches can control all the wrenches when the online mechanism is powered on. By using the present solution, the online control of two or more wrenches is realized, such that an operator can simultaneously control a plurality of wrenches to operate at one time, and the consistency of the torque outputs of the plurality of wrenches is guaranteed. Moreover, the wrenches can be driven to reach the next operation position by pushing the sliding assembly without manual carrying, thereby reducing the labor intensity of the operator, which facilitates a reduction in error rates. In addition, the present solution further enables functions such as automatic shutdown, automatic calculation, torque detection and display and automatic error reporting, such that the wrench device is more intelligent.

IPC 8 full level

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