

Title (en)

CRANE SUPER-LIFTING RADIUS CONTROL METHOD, APPARATUS, AND CRANE

Title (de)

VERFAHREN, VORRICHTUNG UND KRAN ZUR STEUERUNG DES SUPERHUBRADIUS EINES KRANS

Title (fr)

PROCÉDÉ DE COMMANDE DE PORTÉE DE SUPER-LEVAGE DE GRUE, APPAREIL ET GRUE

Publication

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Application

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Abstract (en)

A crane super-lifting radius control method and system, and a crane. The crane super-lifting radius control method comprises: obtaining physical state information of a boom frame and a super-lifting boom (11); receiving first input of a user; in response to the first input, determining a target super-lifting radius; and adjusting a super-lifting radius on the basis of the target super-lifting radius and the physical state information when the physical state information of the boom frame and the super-lifting boom (11) is suitable for an adjustment to the super-lifting radius. According to the crane super-lifting radius control method and system, and the crane, upon determining that the boom frame and the super-lifting boom (11) are suitable for an adjustment to the super-lifting radius, an angle of the super-lifting boom (11) is automatically adjusted by combining the physical state information of the boom frame and the super-lifting boom (11) with the target super-lifting radius inputted by the user, and thus, the auto-adjustment to the super-lifting boom (11) can be implemented, the adjustment to the super-lifting radius is more accurate, and the efficiency is improved.

IPC 8 full level

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