

Title (en)

LOW IDLE CONTROL SYSTEM OF CONSTRUCTION EQUIPMENT AND AUTOMATIC CONTROL METHOD THEREOF

Title (de)

STEUERSYSTEM MIT NIEDRIGER LEERLAUFZEIT FÜR EINE BAUAUSRÜSTUNG UND AUTOMATISCHES STEUERVERFAHREN DAFÜR

Title (fr)

SYSTÈME DE COMMANDE DE FAIBLE RALENTI D'ÉQUIPEMENT DE CONSTRUCTION ET SON PROCÉDÉ DE COMMANDE AUTOMATIQUE

Publication

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Application

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Priority

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Abstract (en)

[origin: EP2657492A2] The present invention discloses a low idle control system of construction equipment and an automatic control method thereof. The low idle control system of construction equipment includes: a front angle change sensing means which detects an operation of at least a part of a front unit through changes in an angle; a controller which is electrically connected to the front angle change sensing means, determines whether to enter an auto idle state by receiving an output signal that is transmitted from the front angle change sensing means, and generates an rpm control signal corresponding to the result of the determination on whether to enter the auto idle state; and an ECU which controls the rpm of an engine by receiving the rpm control signal outputted from the controller. The present invention is capable of implementing an effective auto idle function by more accurately recognizing a state of using equipment.

IPC 8 full level

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