

Title (en)
CONTROL UNIT OF A CONSTRUCTION MACHINE

Title (de)
BAUMASCHINENSTEUERUNG

Title (fr)
UNITÉ DE CONTROLE D'UNE MACHINE DE CONSTRUCTION

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Abstract (en)
[origin: WO2013164064A1] The present invention relates to a device for operating a construction machine (10), comprising an operating field (20) having a number of operating elements (22) for activating actuators (34) of the construction machine (10) in order to execute the desired functions of the construction machine (10), the operating field (20) generating first signals (S1) relevant to the activation of the actuators (34), further comprising a command and control unit (26) for controlling the device, the command and control unit (26) transforming the first signals (S1) into actuation signals (SB) by means of which the actuators (34) can be actuated, the first signals (S1) being transmitted from the operating field (20) to the command and control unit (26) with the aid of first transmission means (24), and comprising a display unit (30) by means of which the function currently being executed by the construction machine (10) can be visualised during normal operation, the first signals (S1) and/or the actuation signals (SB) being transmitted to the display unit (30) by means of second transmission means (28), wherein, in the event of disruption of the first signals (S1) or of the first transmission means (24), second signals (S1) relevant to the activation of the actuators (34) can be generated with the aid of the display unit (30), which second signals can be transmitted to the command and control unit (26) by means of the second transmission means (28) and can be transformed into the actuation signals (SB) by the command and control unit (26). The invention further relates to a construction machine (10) comprising such a device and to a method for operating the construction machine (10).

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