

Title (en)

SELF-DRIVING WORK MACHINE HAVING AT LEAST TWO CONTROL DEVICES

Title (de)

SELBSTFAHRENDE ARBEITSMASCHINE MIT WENIGSTENS ZWEI STEUERUNGSEINRICHTUNGEN

Title (fr)

ENGIN DE TRAVAIL AUTOMOTEUR MUNI D'AU MOINS DEUX DISPOSITIFS DE COMMANDE

Publication

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Application

EP 18807961 A 20181122

Priority

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Abstract (en)

[origin: WO2019101876A1] The invention relates to a self-driving work machine for autonomous or semi-autonomous deployment, particularly a self-driving agricultural machine, such as a self-driving feed mixing vehicle. The work machine (10) according to the invention comprises a chassis (11) having a drive (12) and a structure (13) which is borne by the chassis (11) and has work assemblies (14). In order to reduce the effort required in particular for technical safety inspection after carrying out modification measures, according to the invention, the control system comprises at least two separate controllers (20, 30), wherein: - the first control device (20) is provided to control drive devices (15) and/or a drive (12) and/or work assemblies and - the second control device (30) is provided to interrupt the control signals which can be transmitted by the first control device (20) to the drive devices (15) and/or the drive (12) and/or the work assemblies (14). The second control device (20) thus forms a safety controller by means of which the drive device (15) and/or the drive (12) and/or the work assemblies (14) can be switched, preferably switched off, in dangerous situations.

IPC 8 full level

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CPC (source: EP)

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