

Title (en)
CONSTRUCTION MACHINERY

Title (de)
BAUMASCHINEN

Title (fr)
MACHINE DE CONSTRUCTION

Publication
EP 3757298 A1 20201230 (EN)

Application
EP 19775928 A 20190206

Priority

- JP 2018064909 A 20180329
- JP 2019004153 W 20190206

Abstract (en)

A hydraulic excavator (1) includes a lower travelling body (2), an upper slewing body (3) attached to the lower travelling body (2) in a rotatable manner about a slewing axis (C), distance sensors (14A to 14D) attached to the upper slewing body (3), the distance sensors being capable of detecting a distance to an object to be detected, the object being located in a circumference of the lower travelling body (2) about the slewing axis (C); a slewing angle sensor (15) that detects a slewing angle of the upper slewing body (3) with respect to the lower travelling body (2); and a controller (16) that specifies an entry prohibited area (EH) in which ingress of the lower travelling body (2) is prohibited, based on the distance detected by the distance sensors (14A to 14D), that generates information about safety with reference to a travelling direction of the lower travelling body (2) based on the entry prohibited area (EH) and the slewing angle detected by the slewing angle sensor (15), and that outputs the information.

IPC 8 full level

E02F 9/24 (2006.01); **E02F 3/43** (2006.01); **E02F 9/20** (2006.01); **E02F 9/26** (2006.01)

CPC (source: EP US)

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Designated contracting state (EPC)

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Designated extension state (EPC)
BA ME

DOCDB simple family (publication)

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