

Title (en)

TRAVEL CONTROL DEVICE FOR VEHICLE WITH AN AERIAL WORK PLATFORM

Title (de)

FAHRSTEUERUNGSVORRICHTUNG FÜR FAHRZEUG MIT EINER HUBARBEITSBÜHNE

Title (fr)

DISPOSITIF DE COMMANDE DE DÉPLACEMENT POUR VÉHICULE DOTÉ D'UNE PLATEFORME DE TRAVAIL AÉRIENNE

Publication

EP 3868700 A1 20210825 (EN)

Application

EP 21156932 A 20210212

Priority

JP 2020025334 A 20200218

Abstract (en)

A vehicle with an aerial work platform (1) comprises a traveling body (10) having a steering wheel (12L, 12R) and capable of traveling, a revolving superstructure (20) provided on the traveling body, a boom (30) being vertically swingable, and a work platform (40) provided at a tip end of the boom. A travel control device for the vehicle comprises a steering operation device, a steering actuator (66) and a steering actuator controller (50) configured to control actuation of the steering actuator in response to operation of the steering operation device. The travel control device comprises a speed index-value detector (e.g. a tilt angle of the travelling operation lever 71) configured to detect a speed index value indicative of a travel speed of the traveling body. The steering actuator controller is configured to control the actuation of the steering actuator in response to the operation of the steering operation device and depending on the speed index value detected by the speed index-value detector.

IPC 8 full level

B66F 9/075 (2006.01); **B66F 9/22** (2006.01); **B66F 11/04** (2006.01); **B66F 17/00** (2006.01)

CPC (source: EP)

B66F 9/07568 (2013.01); **B66F 9/22** (2013.01); **B66F 11/046** (2013.01); **B66F 17/006** (2013.01)

Citation (applicant)

JP 2001180899 A 20010703 - AICHI CORP KK

Citation (search report)

- [YA] WO 2018162882 A1 20180913 - NIFTYLIFT LTD [GB]
- [YA] US 2011224872 A1 20110915 - REED DAVID [US]
- [A] US 2007144817 A1 20070628 - BINEV BINIO [DE], et al

Cited by

AU2021464668B2; WO2023043472A1; WO2023043469A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 3868700 A1 20210825; **EP 3868700 B1 20230712**; JP 2021130523 A 20210909; JP 7453015 B2 20240319

DOCDB simple family (application)

EP 21156932 A 20210212; JP 2020025334 A 20200218