

Title (en)

VEHICLE AND CONTROL METHOD AND DEVICE THEREFOR

Title (de)

FAHRZEUG UND STEUERUNGSVERFAHREN UND VORRICHTUNG DAFÜR

Title (fr)

VÉHICULE, PROCÉDÉ ET DISPOSITIF DE COMMANDE ASSOCIÉS

Publication

EP 3885520 B1 20231227 (EN)

Application

EP 20893127 A 20201016

Priority

- CN 201911165272 A 20191125
- CN 2020121576 W 20201016

Abstract (en)

[origin: EP3885520A1] Disclosed are a vehicle and a controlling method and device therefor. The controlling method includes: acquiring a first distance between a door of the vehicle and an obstacle in an environment where the door is located; determining a target controlling mode of the door according to a first target distance interval to which the first distance belongs, wherein controlling modes of the door include a fully automatic mode, a semi-automatic mode and an assistive mode; and controlling the door according to the target controlling mode. By using the method, in the controlling of the door, different controlling modes are adopted according to the distance between the door and an obstacle, and the door is controlled according to the corresponding controlling mode, whereby the door can be opened or closed safely, and the door can be controlled to be opened or closed in different manners, which improves the comfort.

IPC 8 full level

E05F 15/73 (2015.01); **E05F 15/40** (2015.01)

CPC (source: CN EP)

E05B 81/56 (2013.01 - CN); **E05F 15/40** (2015.01 - CN EP); **E05F 15/70** (2015.01 - CN); **E05F 15/73** (2015.01 - EP); **E05F 15/611** (2015.01 - EP); **E05F 2015/763** (2015.01 - EP); **E05F 2015/765** (2015.01 - EP); **E05F 2015/767** (2015.01 - EP); **E05Y 2400/3015** (2024.05 - EP); **E05Y 2400/44** (2013.01 - EP); **E05Y 2400/45** (2013.01 - EP); **E05Y 2400/53** (2013.01 - EP); **E05Y 2900/531** (2013.01 - EP)

Cited by

EP4258229A1

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

DOCDB simple family (publication)

EP 3885520 A1 20210929; **EP 3885520 A4 20220406**; **EP 3885520 B1 20231227**; **EP 3885520 C0 20231227**; CN 110965893 A 20200407; CN 110965893 B 20210903; WO 2021103840 A1 20210603

DOCDB simple family (application)

EP 20893127 A 20201016; CN 201911165272 A 20191125; CN 2020121576 W 20201016