

Title (en)

METHOD FOR CHANGING A VEHICLE TRANSPORT SYSTEM INTO A SECURE STATE

Title (de)

VERFAHREN ZUM ÜBERFÜHREN EINES FAHRZEUGTRANSPORTSYSTEMS IN EINEN SICHEREN ZUSTAND

Title (fr)

PROCÉDÉ PERMETTANT DE METTRE UN SYSTÈME DE TRANSPORT DE VÉHICULES DANS UNE POSITION SÛRE

Publication

EP 3710904 A1 20200923 (DE)

Application

EP 18793591 A 20181015

Priority

- DE 102017220566 A 20171117
- EP 2018077981 W 20181015

Abstract (en)

[origin: WO2019096507A1] The invention relates to a method for changing a vehicle transport system into a secure state, wherein at least one vehicle is put into a transport state by at least one transport robot of the vehicle transport system and is transported to a parking place, wherein a dangerous situation for the at least one vehicle put into the transport state by the transport robot is detected during the transport of the at least one vehicle to the parking place by at least one control device of the at least one transport robot connected to at least one robot-internal sensor or by a central control unit of a parking management system of the vehicle transport system connected to at least one robot-external sensor, wherein the at least one transport robot is tested for faults by the control device or the parking place management system is tested for faults by the central control unit, and, when a dangerous situation or a recognised fault is ascertained, the vehicle is set down by the at least one transport robot for producing a ground contact. The invention further relates to a vehicle transport system.

IPC 8 full level

G05D 1/02 (2020.01); **E04H 6/34** (2006.01); **E04H 6/36** (2006.01); **E04H 6/42** (2006.01); **G08G 1/01** (2006.01)

CPC (source: EP)

E04H 6/34 (2013.01); **E04H 6/36** (2013.01); **E04H 6/42** (2013.01); **E04H 6/422** (2013.01); **E04H 6/424** (2013.01); **G05D 1/0297** (2024.01)

Citation (search report)

See references of WO 2019096507A1

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)

WO 2019096507 A1 20190523; CN 111344648 A 20200626; CN 111344648 B 20240402; DE 102017220566 A1 20190523; EP 3710904 A1 20200923

DOCDB simple family (application)

EP 2018077981 W 20181015; CN 201880074068 A 20181015; DE 102017220566 A 20171117; EP 18793591 A 20181015