

Title (en)

SYSTEM FOR MANAGING A VEHICLE FLEET

Title (de)

SYSTEM ZUR VERWALTUNG EINER FAHRZEUGFLOTTE

Title (fr)

SYSTÈME DE GESTION D'UNE FLOTTE DE VÉHICULES

Publication

**EP 4052235 A1 20220907 (DE)**

Application

**EP 20804459 A 20201030**

Priority

- DE 102019216774 A 20191030
- EP 2020080504 W 20201030

Abstract (en)

[origin: WO2021084065A1] The present invention relates to a system (1) for managing a vehicle fleet of at least partially autonomously driving vehicles (2, 2-1, 2-2, 2-3) in a vehicle depot (3), comprising: a sensing unit (4) designed to sense the respective position of the vehicles (2, 2-1, 2-2) of a vehicle group (5), arranged in the vehicle depot (3), of the vehicle fleet, wherein the vehicles (2, 2-1, 2-2) of the vehicle group (5) each have a service plan that instructs the respective vehicle (2, 2-1, 2-2) to perform a vehicle service in the vehicle depot (3), a communication interface (6) designed to receive a signal from at least one further vehicle (2, 2-3) of the vehicle fleet that drives into the vehicle depot (3), and a control unit (7) designed to take the sensed respective position of the vehicles (2, 2-1, 2-2) of the vehicle group (5) in the vehicle depot (3) and to take the received signal of the further vehicle (2, 2-3) as a basis for assigning a further service plan to the further vehicle (2, 2-3), wherein the communication interface (6) is designed to transmit the further service plan to the further vehicle (2, 2-3), wherein the further service plan instructs the further vehicle (2, 2-3) to perform a vehicle service in the vehicle depot (3).

IPC 8 full level

**G07C 5/00** (2006.01)

CPC (source: EP US)

**G06Q 10/20** (2013.01 - US); **G07C 5/006** (2013.01 - EP); **G07C 5/008** (2013.01 - EP); **G07C 5/0808** (2013.01 - EP)

Citation (search report)

See references of WO 2021084065A1

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)

**DE 102019216774 A1 20210506**; CN 114762014 A 20220715; EP 4052235 A1 20220907; US 2022414612 A1 20221229; WO 2021084065 A1 20210506

DOCDB simple family (application)

**DE 102019216774 A 20191030**; CN 202080075982 A 20201030; EP 2020080504 W 20201030; EP 20804459 A 20201030; US 202017771980 A 20201030