

Title (en)  
METHOD FOR OPERATING A SERVICE STATION FOR A VEHICLE, AND SYSTEM FOR CARRYING OUT THE METHOD ACCORDING TO THE INVENTION

Title (de)  
VERFAHREN ZUM BETRIEB EINER SERVICESTATION FÜR EIN FAHRZEUG UND SYSTEM ZUM DURCHFÜHREN DES  
ERFINDUNGSGEMÄßEN VERFAHRENS

Title (fr)  
PROCÉDÉ DE FONCTIONNEMENT D'UNE STATION DE SERVICE DESTINÉE À UN VÉHICULE ET SYSTÈME D'EXÉCUTION DU PROCÉDÉ  
SELON L'INVENTION

Publication  
**EP 3970096 A1 20220323 (DE)**

Application  
**EP 20725140 A 20200506**

Priority  
• DE 102019206920 A 20190513  
• EP 2020062631 W 20200506

Abstract (en)  
[origin: WO2020229275A1] The invention relates to a method for operating a service station (80) for a vehicle (10), wherein the service station (80) comprises at least one communication module (81) configured for communication with the vehicle (10), a control unit (82), and a plurality of service modules (90) designed to autonomously carry out a service action on the vehicle (10). In the method according to the invention, first information regarding a service requirement of the vehicle (10) is received, second information regarding the available capacity of the service modules (90) is received, at least one available service module (90) is determined on the basis of the first information and the second information, and booking information is sent to the at least one determined service module (90) and location information of the at least one determined service module (90) is sent to the vehicle (10). The invention also relates to a system for carrying out the method according to the invention, comprising a vehicle (10), a service station (80) and a plurality of service modules (95).

IPC 8 full level  
**G06Q 10/06** (2012.01); **B60L 53/00** (2019.01)

CPC (source: EP US)  
**B60L 53/305** (2019.01 - EP); **B60L 53/65** (2019.01 - US); **B60L 53/66** (2019.01 - EP US); **B60L 53/67** (2019.01 - EP);  
**B60L 53/68** (2019.01 - EP); **B60L 58/12** (2019.01 - EP); **G06Q 10/02** (2013.01 - US); **G06Q 10/0631** (2013.01 - EP); **G06Q 10/20** (2013.01 - US);  
**B60L 2240/62** (2013.01 - EP); **B60L 2240/68** (2013.01 - EP); **B60L 2250/10** (2013.01 - EP); **B60L 2260/32** (2013.01 - EP);  
**Y02T 10/70** (2013.01 - EP); **Y02T 10/7072** (2013.01 - EP); **Y02T 10/72** (2013.01 - EP); **Y02T 90/12** (2013.01 - EP); **Y02T 90/14** (2013.01 - EP);  
**Y02T 90/16** (2013.01 - EP)

Citation (search report)  
See references of WO 2020229275A1

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 102019206920 A1 20201119**; CN 114127755 A 20220301; EP 3970096 A1 20220323; US 2022309473 A1 20220929;  
WO 2020229275 A1 20201119

DOCDB simple family (application)  
**DE 102019206920 A 20190513**; CN 202080047127 A 20200506; EP 2020062631 W 20200506; EP 20725140 A 20200506;  
US 202017611040 A 20200506