

Title (en)

METHOD FOR AUTONOMOUS VEHICLE CLEANING

Title (de)

VERFAHREN ZUR AUTONOMEN FAHRZEUGREINIGUNG

Title (fr)

PROCÉDÉ POUR LE NETTOYAGE DE VÉHICULE AUTONOME

Publication

EP 3899825 A1 20211027 (DE)

Application

EP 19809830 A 20191127

Priority

- DE 102018222645 A 20181220
- EP 2019082752 W 20191127

Abstract (en)

[origin: WO2020126371A1] The invention relates to a method for autonomous vehicle cleaning of an autonomous vehicle (10) operating in an operating region (100). At least one service station (80, 90) is arranged in the operating region (100) in which the method according to the invention is carried out. The method according to the invention furthermore requires a server (70), which is designed for communication with the at least one autonomous vehicle (10) and the at least one service station (80, 90). In the method according to the invention, information on a degree of contamination of the vehicle (10) is first obtained. Based on the information on the degree of contamination of the vehicle (10), a cleaning procedure to be performed on the vehicle (10) is further determined. In the method according to the invention, the vehicle (10) furthermore autonomously travels to a selected service station (80, 90) and the cleaning is performed at the selected service station (80, 90).

IPC 8 full level

G06Q 10/06 (2012.01); **B60S 3/00** (2006.01); **B60S 3/06** (2006.01); **G06Q 50/30** (2012.01); **G16Y 10/40** (2020.01); **G16Y 40/40** (2020.01)

CPC (source: EP)

B60S 3/00 (2013.01); **B60S 3/008** (2013.01); **B60S 3/06** (2013.01); **G06Q 10/06315** (2013.01); **G06Q 50/10** (2013.01); **G06Q 50/40** (2024.01); **G16Y 10/40** (2020.01); **G16Y 40/40** (2020.01); **G07C 5/008** (2013.01)

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 2020126371 A1 20200625; DE 102018222645 A1 20200625; EP 3899825 A1 20211027

DOCDB simple family (application)

EP 2019082752 W 20191127; DE 102018222645 A 20181220; EP 19809830 A 20191127