

Title (en)

DEVICE FOR A VEHICLE FOR INDUCTIVELY DETECTING AN ACTIVATION ACTION

Title (de)

VORRICHTUNG FÜR EIN FAHRZEUG ZUR INDUKTIVEN DETEKTION EINER AKTIVIERUNGSHANDLUNG

Title (fr)

DISPOSITIF PRÉVU POUR UN VÉHICULE ET DESTINÉ À LA DÉTECTION INDUCTIVE D'UNE ACTION D'ACTIVATION

Publication

EP 4244986 A1 20230920 (DE)

Application

EP 21766180 A 20210826

Priority

- DE 102020129571 A 20201110
- EP 2021073598 W 20210826

Abstract (en)

[origin: WO2022100904A1] The invention relates to a device (10) for a vehicle (1) for inductively detecting an activation action within a detection region (2) and in particular designed for integration in a vehicle part (3), having: - at least one electrically conductive sensor element (20) for inductive sensing within the detection region (2) in order to provide a sensor signal (S) specific to the sensing, - at least one electrically conductive activation means (30), the activation means (30) being movably arranged within the detection region (2) in order to be moved relative to the sensor element (20) depending on the activation action, so that the sensor signal (S) is specific to the activation action, - a processing assembly (100) which is electrically connected to the sensor element (20) in order to detect the activation action using the sensor signal (S).

IPC 8 full level

H03K 17/97 (2006.01); **E05B 81/76** (2014.01); **H03K 17/95** (2006.01); **H03K 17/972** (2006.01)

CPC (source: EP)

H03K 17/9502 (2013.01); **H03K 17/951** (2013.01); **H03K 17/9532** (2013.01); **H03K 17/97** (2013.01); **H03K 17/972** (2013.01);
H03K 2217/94031 (2013.01); **H03K 2217/954** (2013.01)

Citation (search report)

See references of WO 2022100904A1

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

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

WO 2022100904 A1 20220519; CN 116472673 A 20230721; DE 102020129571 A1 20220512; EP 4244986 A1 20230920

DOCDB simple family (application)

EP 2021073598 W 20210826; CN 202180075429 A 20210826; DE 102020129571 A 20201110; EP 21766180 A 20210826