

Title (en)

METHOD AND DEVICE FOR IDENTIFYING OPTICAL FEATURES OF A VEHICLE AND/OR OF A VEHICLE PART

Title (de)

VERFAHREN UND VORRICHTUNG ZUM IDENTIFIZIEREN VON OPTISCHEN MERKMALEN EINES FAHRZEUGS UND/ODER FAHRZEUGTEILS

Title (fr)

PROCÉDÉ ET DISPOSITIF POUR IDENTIFIER DES CARACTÉRISTIQUES OPTIQUES D'UN VÉHICULE ET/OU D'UNE PARTIE DE VÉHICULE

Publication

EP 3655888 A1 20200527 (DE)

Application

EP 18743772 A 20180719

Priority

- DE 102017212370 A 20170719
- EP 2018069614 W 20180719

Abstract (en)

[origin: WO2019015851A1] The invention relates to a device (6) for identifying damage (32) to vehicle panes (4, 5), in particular motor vehicle panes (4, 5), said device comprising: an image-capture device (8) which is designed to capture at least one image (34) of a pane (4, 5) of a vehicle (2); a storage device (14) in which the dimensions of the windows (4, 5) of multiple vehicles (2) are stored; and a control and evaluation device (12). The control and evaluation device (12) is designed to identify a vehicle (2) using predefined parameters, to retrieve the dimensions of at least one pane (4, 5) of the identified vehicle (2) from the storage device (14), and to evaluate at least one image of a pane (4, 5) of the vehicle (2) captured by the image-capture device (8). The evaluation includes: identifying possible damage (32) to the panes (4, 5); determining the positions of the identified possible damage (32) to the panes (4, 5); determining whether the identified possible damage (32) is located in a repairable region of the pane (4, 5) by a comparison with the retrieved dimensions of the window (4, 5); and determining the size of at least any damage (32) which is located in a repairable region of the pane (4, 5).

IPC 8 full level

G06K 9/20 (2006.01); **G06K 9/46** (2006.01)

CPC (source: EP US)

G06T 7/0004 (2013.01 - EP US); **G06V 10/235** (2022.01 - EP US); **G06V 20/20** (2022.01 - EP US); **G06V 2201/06** (2022.01 - EP)

Citation (search report)

See references of WO 2019016308A1

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 2019015851 A1 20190124; DE 102017212370 A1 20190124; EP 3655888 A1 20200527; WO 2019016308 A1 20190124

DOCDB simple family (application)

EP 2018064896 W 20180606; DE 102017212370 A 20170719; EP 18743772 A 20180719; EP 2018069614 W 20180719