

Title (en)

METHOD AND DEVICE FOR GENERATING A VIEW AROUND A VEHICLE FOR A VEHICLE

Title (de)

VERFAHREN UND VORRICHTUNG ZUM ERZEUGEN EINER FAHRZEUGUMGEBUNGSANSICHT BEI EINEM FAHRZEUG

Title (fr)

PROCÉDÉ ET DISPOSITIF DE GÉNÉRATION D'UNE VUE DE L'ENVIRONNEMENT D'UN VÉHICULE DANS UN VÉHICULE

Publication

EP 3545463 A1 20191002 (DE)

Application

EP 17787872 A 20170915

Priority

- DE 102016223391 A 20161125
- DE 2017200096 W 20170915

Abstract (en)

[origin: WO2018095490A1] The invention relates to a method for generating a view around a vehicle, comprising the steps: providing (S1) camera images (KB) by vehicle cameras (2) that are provided on a vehicle body (3) of a vehicle (F); and calculating (S2) the view around the vehicle based on the provided camera images (KB), wherein a texture of a region of a ground surface located under the vehicle body (3) and not visible to the vehicle cameras (2) is calculated within the view around the vehicle subject to texture data of a region of the ground surface that is visible to the vehicle cameras (2) and surrounds the non-visible region of the ground surface.

IPC 8 full level

G06T 3/40 (2006.01); **G06T 5/00** (2006.01); **G06V 10/56** (2022.01)

CPC (source: EP US)

B60R 11/04 (2013.01 - US); **G06T 7/40** (2013.01 - US); **G06T 7/90** (2016.12 - US); **G06T 11/001** (2013.01 - US); **G06V 10/56** (2022.01 - EP US);
G06V 20/56 (2022.01 - EP US); **B60R 2300/105** (2013.01 - US); **B60R 2300/303** (2013.01 - US); **G06T 2207/10024** (2013.01 - US);
G06T 2207/30252 (2013.01 - US)

Citation (search report)

See references of WO 2018095490A1

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 102016223391 A1 20180530; CN 110023947 A 20190716; DE 112017004613 A5 20190613; EP 3545463 A1 20191002;
JP 2020501226 A 20200116; JP 7008068 B2 20220125; US 10937201 B2 20210302; US 2020258266 A1 20200813;
WO 2018095490 A1 20180531

DOCDB simple family (application)

DE 102016223391 A 20161125; CN 201780072474 A 20170915; DE 112017004613 T 20170915; DE 2017200096 W 20170915;
EP 17787872 A 20170915; JP 2019521023 A 20170915; US 201716464006 A 20170915