

Title (en)
METHOD FOR REPRESENTING A MOTOR VEHICLE ENVIRONMENT

Title (de)
VERFAHREN ZUR DARSTELLUNG EINES FAHRZEUGUMFELDES

Title (fr)
PROCÉDÉ DE REPRÉSENTATION DE L'ENVIRONNEMENT D'UN VÉHICULE

Publication
EP 2788957 A1 20141015 (DE)

Application
EP 12798178 A 20121113

Priority
• DE 102011087901 A 20111207
• EP 2012072444 W 20121113

Abstract (en)
[origin: WO2013083364A1] The invention relates to driver assistance systems (12) that are designed for outputting representations of a motor vehicle environment to a driver. The invention further relates to a method in such a driver assistance system that comprises the following steps: capturing environmental data by means of an environment sensor system (16, 18, 20, 22, 26); determining a situation-dependent virtual camera perspective (28); producing an environment representation, wherein the environmental data are projected from the view of a virtual camera (29) to a plane (36, 38) comprising at least two layers; and outputting the environment representation to a display device of the human-machine-interface (16). The invention further relates to a computer program for carrying out the method.

IPC 8 full level
G06T 15/20 (2011.01)

CPC (source: EP)
G06T 15/205 (2013.01); **G06T 2207/30252** (2013.01)

Citation (search report)
See references of WO 2013083364A1

Citation (examination)
• DE 102008035428 A1 20100204 - DAIMLER AG [DE]
• DE 102008034594 A1 20100128 - BAYERISCHE MOTOREN WERKE AG [DE]

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

DOCDB simple family (publication)
WO 2013083364 A1 20130613; CN 103959341 A 20140730; DE 102011087901 A1 20130613; EP 2788957 A1 20141015;
IN 3438DEN2014 A 20150605

DOCDB simple family (application)
EP 2012072444 W 20121113; CN 201280059730 A 20121113; DE 102011087901 A 20111207; EP 12798178 A 20121113;
IN 3438DEN2014 A 20140429