

Title (en)
METHOD FOR OPERATING A DRIVER ASSISTANCE SYSTEM, COMPUTER PROGRAM PRODUCT, DRIVER ASSISTANCE SYSTEM, AND VEHICLE

Title (de)
VERFAHREN ZUM BETREIBEN EINES FAHRASSISTENZSYSTEMS, COMPUTERPROGRAMMPRODUKT, FAHRASSISTENZSYSTEM UND FAHRZEUG

Title (fr)
PROCÉDÉ POUR LE FONCTIONNEMENT D'UN SYSTÈME D'ASSISTANCE AU CONDUCTEUR, PRODUIT PROGRAMME INFORMATIQUE, SYSTÈME D'ASSISTANCE AU CONDUCTEUR ET VÉHICULE

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Abstract (en)
[origin: WO2022207679A1] The invention relates to a method for operating a driver assistance system (110). The method has the steps of: a) receiving (S1) a drive state sensor signal (SIG0(t)), which indicates the drive state, at a number of different points in time (t0 - t5), b) receiving (S2) a number of sensor signals (SIG1(t)), which indicate the surroundings (200), at a number of different points in time (t0 - t5), c) detecting (S3) a number of objects (210, 211) in the surroundings (200) on the basis of a first number of sensor signals (SIG1(t)), which have been detected at a first point in time, d) ascertaining (S4) a position (POS) and a movement vector (VEC) for a detected object (210, 211) on the basis of the first number of sensor signals (SIG1(t)) and a second number of sensor signals (SIG1(t)), which have been received at a second point in time following the first point in time, using a plurality of different ascertaining methods (V1, V2), wherein different ascertaining methods (V1, V2) of the plurality have a different degree of computing complexity, and e) outputting (S5) a warning signal if a potential collision with the detected object (210, 211) is ascertained on the basis of the drive state sensor signal (SIG0(t)) received at a specified point in time and the position (POS) and the movement vector (VEC) ascertained for the detected object (210, 211).

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