

Title (en)

DEVICE AND METHOD FOR DETECTING A VEHICLE EXITING ITS LANE

Title (de)

VORRICHTUNG UND VERFAHREN ZUR ERKENNUNG EINES AUS EINER FAHRSPUR AUSTRETENDEN FAHRZEUGS

Title (fr)

DISPOSITIF ET PROCÉDÉ DE DÉTECTION D'UNE SORTIE DE VOIE D'UN VÉHICULE

Publication

EP 4373723 A1 20240529 (FR)

Application

EP 22738503 A 20220715

Priority

- FR 2107818 A 20210720
- EP 2022069859 W 20220715

Abstract (en)

[origin: WO2023001703A1] What is proposed is a device (1) for detecting a vehicle (V) exiting its lane, said device being configured, when the vehicle is being driven on a road comprising at least one traffic lane, to: estimate, on the basis of the shape and position of at least one road boundary, the shape and position of each boundary of the lane being taken by the vehicle, estimate a path followed by the vehicle, determine, depending on the shape and on the position of the boundaries of the traffic lane, and on the path followed by the vehicle, a time interval before the vehicle will reach one of the boundaries of the traffic lane, compare the time interval to a determined threshold and, if the time interval is shorter than the threshold, determine that the vehicle is in the process of exiting its lane.

IPC 8 full level

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CPC (source: EP)

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