

Title (en)

DEVICES AND METHODS FOR PREDICTING COLLISIONS, PREDICTING INTERSECTION VIOLATIONS, AND/OR DETERMINING REGION OF INTEREST FOR OBJECT DETECTION IN CAMERA IMAGES

Title (de)

VORRICHTUNGEN UND VERFAHREN ZUR VORHERSAGE VON KOLLISIONEN, VORHERSAGE VON KREUZUNGSVERSTÖßEN UND/ODER BESTIMMUNG EINES INTERESSENBEREICHES ZUR OBJEKTERKENNUNG IN KAMERABILDERN

Title (fr)

DISPOSITIFS ET PROCÉDÉS POUR LA PRÉDICTION DE COLLISIONS, PRÉDICTION DE VIOLATIONS D'INTERSECTION, ET/OU DÉTERMINATION D'UNE RÉGION D'INTÉRÊT POUR UNE DÉTECTION D'OBJET DANS DES IMAGES DE CAMÉRA

Publication

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Application

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- US 202117348727 A 20210615
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Abstract (en)

[origin: WO2022265776A1] An apparatus includes: a first camera configured to view an environment outside a vehicle; a second camera configured to view a driver of the vehicle; and a processing unit configured to receive a first image from the first camera, and a second image from the second camera; wherein the processing unit is configured to determine first information indicating a risk of collision with the vehicle based at least partly on the first image; wherein the processing unit is configured to determine second information indicating a state of the driver based at least partly on the second image; and wherein the processing unit is configured to determine whether to provide a control signal for operating a device or not based on (1) the first information indicating the risk of collision with the vehicle, and (2) the second information indicating the state of the driver.

IPC 8 full level

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