

Title (en)

METHOD FOR REDUCING THE KINETOSIS EFFECT FOR PASSENGERS OF MOTOR VEHICLES OBSERVING AN IMAGE DISPLAYED ON A DISPLAY UNIT

Title (de)

VERFAHREN ZUR REDUZIERUNG DES KINETOSE-EFFEKTS BEI PASSAGIEREN VON KRAFTFAHRZEUGEN BEIM BETRACHTEN EINES AUF EINER ANZEIGEEINHEIT DARGESTELLTEN BILDES

Title (fr)

PROCÉDÉ POUR LA RÉDUCTION DE L'EFFET DU MAL DES TRANSPORTS CHEZ DES PASSAGERS DE VÉHICULES AUTOMOBILES LORS DE L'OBSERVATION D'UNE IMAGE REPRÉSENTÉE SUR UNE UNITÉ D'AFFICHAGE

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Application

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Abstract (en)

[origin: WO2020144173A1] The invention relates to a method for reducing the kinetosis effect for passengers (10) of motor vehicles having an autonomous and/or semi-autonomous driving mode in which an image (3) produced from image data (2) is displayed, by means of a display unit (1, 18), to the at least one passenger (10) in a displaying region of the display unit (1, 18) during travel, wherein the following steps are provided: - estimating a future change in the acceleration of the motor vehicle; - modifying the image data (2) in accordance with the estimated future change in the acceleration of the motor vehicle by means of a correction algorithm (16) in such a way that relative motion between the displayed image (3) and the passenger (10) is reduced.

IPC 8 full level

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CPC (source: EP US)

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