

Title (en)

DEVICE AND PROCESS FOR CONTROL OF CORNERING LIGHTS IN MOTOR VEHICLES

Title (de)

VORRICHTUNG UND VERFAHREN ZUR STEUERUNG VON ABBIEGELICHTERN IN KRAFTFAHRZEUGEN

Title (fr)

DISPOSITIF ET PROCESSUS DE COMMANDE DE FEUX DIRECTIONNELS DANS DES VÉHICULES MOTORISÉS

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Application

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Abstract (en)

[origin: WO2008156430A1] The invention refers to a device for control of cornering lights (91, 92) of motor vehicles. The purpose of the invention is to ensure appropriate operation of said cornering lights (91, 92) in accordance with each existing legislation and in particular without any need on mounting additional sensors into the vehicle, by which increasing of expenses are essentially reduced, the need about providing some additional space within the vehicle and also any essentially increasing of the risk of damages may be avoided. To this aim said device comprises a processing unit (3), which is adapted to receive data from the anti-skid unit (4) for preventing vehicle wheels (11, 12, 21, 22) from sliding during braking or acceleration, namely each relevant data about each angular velocity (?1) of at least one inward wheel (11) and the angular velocity (?2) of at least one outward wheel (12) of a turning vehicle. Said unit (3) is furthermore adapted to determine each difference (??) between said angular velocities (?1, ?2) in order to be able to control automatically activation or deactivation of each corresponding cornering light (91, 92) when said difference (??) between said angular velocities (?1, ?2) exceeds a pre-determined value and when also each desired pre-determined conditions are fulfilled. The invention also includes a process for control of said cornering lights (91, 92) in accordance with the functional concept of said device.

IPC 8 full level

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