

Title (en)

METHOD AND DEVICE FOR TRAVEL DIRECTION DETECTION

Title (de)

VERFAHREN UND VORRICHTUNG ZUR FAHRTRICHTUNGSERKENNUNG

Title (fr)

PROCEDE ET DISPOSITIF DE RECONNAISSANCE DE SENS DE DEPLACEMENT

Publication

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Application

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Abstract (en)

[origin: WO02062640A1] The invention relates to a method and to a device for detecting the travel direction of a vehicle during starting up or starting to roll and/or during the down-hill travel of a vehicle, especially with HDC (hill descent control) that keeps the vehicle speed constant or limits it during hill descent by influencing the service brake. The invention is further characterized in that the direction of travel is detected on the basis of internal and/or external vehicle parameters, such as engine speed, engine torque, accelerator pedal position, selected gear, gear-shift state, rotational behavior of the wheels, lateral acceleration, road pitch, by correlating at least two parameters. The parameters to be correlated are chosen in accordance with a status detection of the vehicle parameters and/or when the vehicle parameters satisfy certain conditions with respect to their variation in time.

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