

Title (en)

METHOD FOR OPERATING A POWER STEERING MECHANISM

Title (de)

VERFAHREN ZUM BETREIBEN EINER HILFSKRAFTLENKUNG

Title (fr)

PROCÉDÉ DE FONCTIONNEMENT D'UNE DIRECTION ASSISTÉE

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Application

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Abstract (en)

[origin: WO2010081592A2] The invention relates to a method for operating a power steering mechanism (10) wherein a motor torque is calculated by means of an electronic processing unit and is adjusted by a suitable motor controller, wherein a plausibility check of the calculated motor torque is performed as part of a 3-plane concept, wherein a portion above the motor torque limit curve is integrated and an integrator having a portion below the motor is decremented, the target motor torque in plane 1 is limited by a first integration threshold and in plane 2 the limit is monitored, an intrinsically safe motor torque limit curve is applied as a function of an actual torque.

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