

Title (en)

ELECTRIC VEHICLE HAVING AT LEAST THREE WHEELS

Title (de)

ELEKTRISCHES FAHRZEUG MIT MINDESTENS DREI RÄDERN

Title (fr)

VÉHICULE ÉLECTRIQUE COMPORTANT AU MOINS TROIS ROUES

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Application

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Abstract (en)

[origin: WO2011107674A1] The invention relates to a secure electric vehicle having at least three wheels of which at least two are drive wheels, capable of tilting with respect to the ground, by an automatic control including a control member controlling the inclination of said vehicle automatically, the vehicle having a chassis (6) and a walking beam (4) supporting said drive wheels (1), the walking beam being pivotably mounted on the chassis. A mechanical device is arranged between the walking beam and the chassis and enables, on the one hand, the adjustment of the angle of inclination of the vehicles by adjusting the angle between the walking beam and the chassis, the same mechanical device also enabling the constant locking of the chassis and the walking beam relative to one another in a position determined by the automatic control. The invention also relates to a method for controlling the inclination of the electric vehicle consisting of applying a motor torque differential between the wheel motor of the right wheel and that of the left wheel.

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