

Title (en)

BRAKING SYSTEM FOR ELECTRIC VEHICLE

Title (de)

BREMSVERFAHREN FÜR EIN ELEKTROFAHRZEUG

Title (fr)

PROCEDE DE FREINAGE POUR VEHICULE ELECTRIQUE

Publication

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Application

EP 97948948 A 19971128

Priority

- FR 9702146 W 19971128
- FR 9614647 A 19961129

Abstract (en)

[origin: FR2756520A1] The invention concerns a braking system for an electric vehicle, characterised in that it consists in the following steps: detecting a raised position of the accelerator pedal (2); detecting the value of the stoplight indicator, representing the actuating or not of the brake pedal (3); measuring the moving speed of the vehicle and computing the deceleration of the vehicle on the basis of this speed; computing a first component of the braking torque value, in inverse variation to the speed of the vehicle; computing a second component, proportional to the deceleration of the vehicle, of the braking torque value; computing a braking torque value, which is a linear function of the two previous components; modifying the torque reference input value of the electric motor by this computed braking value for braking.

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