

Title (en)

Control device for the air-intake throttle valve of an internal-combustion engine.

Title (de)

Steuervorrichtung für die Drosselklappe einer Brennkraftmaschine.

Title (fr)

Appareil de commande pour le papillon de la soupape d'admission d'air dans un moteur à combustion.

Publication

**EP 0341659 A1 19891115 (EN)**

Application

**EP 89108321 A 19890509**

Priority

FR 8806363 A 19880511

Abstract (en)

The device according to the invention comprises a motor (6), the stator (8) of which is coupled to an accelerator pedal (10), whilst the rotor (9) of this motor is connected to the throttle valve (1) by means of a frictional coupling member (7). An excitation of the motor (6) causes a rotation of the rotor in relation to the stator, which makes it possible to reduce the opening of the throttle valve by a predetermined angle under certain circumstances. The correction to the opening angle of the throttle valve carried out in this way by means of the motor makes it possible to prevent any unpleasant reaction from being transmitted to the accelerator pedal (10). The invention is used on anti-skid or speed-regulating devices for motor vehicles driven by an internal-combustion engine.

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CPC (source: EP)

**F02D 11/105** (2013.01); **F02D 2009/0261** (2013.01); **F02D 2011/103** (2013.01)

Citation (search report)

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- [A] PATENT ABSTRACTS OF JAPAN, vol. 4, no. 80 (M-15)[562], 10th June 1980, page 96 M 15; & JP-A-55 40 315 (ISHIKAWAJIMA HARIMA JUKOGYO K.K.) 21-03-1980
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