

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.

IPC 1-7

F02D 11/10

IPC 8 full level

F02D 11/10 (2006.01)

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] FR 2559209 A1 19850809 - RENAULT [FR]
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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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Designated contracting state (EPC)

DE ES FR GB IT SE

DOCDB simple family (publication)

EP 0341659 A1 19891115; EP 0341659 B1 19910724; DE 68900153 D1 19910829; ES 2024704 B3 19920301; FR 2631389 A1 19891117; FR 2631389 B1 19930528; JP H0261335 A 19900301

DOCDB simple family (application)

EP 89108321 A 19890509; DE 68900153 T 19890509; ES 89108321 T 19890509; FR 8806363 A 19880511; JP 11622889 A 19890511