

Title (en)

A throttle valve control system for an engine of a vehicle

Title (de)

Verfahren zur Steuerung einer Drosselklappe in einer Brennkraftmaschine eines Fahrzeugs

Title (fr)

Système de commande de papillon pour moteur à combustion dans un véhicule

Publication

EP 0495295 B1 19961227 (EN)

Application

EP 91310734 A 19911121

Priority

GB 9100685 A 19910112

Abstract (en)

[origin: EP0495295A2] A throttle valve control system for an engine of a vehicle is disclosed of the type having a rotatable throttle valve controlled by an electronic control means. The control means (21) being operable to increase the effort supplied to the throttle valve (14) when the throttle valve (14) approaches its closed position in order to reduce the effect of stiction and friction on the control system response. The increase in effort is obtained by increasing momentarily the system gain or providing a step input of predetermined magnitude. <IMAGE>

IPC 1-7

F02D 11/10; F02D 35/00

IPC 8 full level

F02D 11/10 (2006.01)

CPC (source: EP)

F02D 11/10 (2013.01); **F02D 2011/102** (2013.01)

Cited by

DE10122776B4; FR2694617A1; US6286532B1

Designated contracting state (EPC)

DE ES FR IT

DOCDB simple family (publication)

EP 0495295 A2 19920722; **EP 0495295 A3 19930804**; **EP 0495295 B1 19961227**; DE 69123829 D1 19970206; DE 69123829 T2 19970528; ES 2095303 T3 19970216; GB 2251705 A 19920715; GB 2251705 B 19940713; GB 9100685 D0 19910227

DOCDB simple family (application)

EP 91310734 A 19911121; DE 69123829 T 19911121; ES 91310734 T 19911121; GB 9100685 A 19910112