

Title (en)  
Throttle actuator

Title (de)  
Drosselklappenstelleinrichtung

Title (fr)  
Actionneur de papillon

Publication  
**EP 0557770 B1 19971001 (EN)**

Application  
**EP 93101895 A 19930208**

Priority  
• JP 2350592 A 19920210  
• JP 5111092 A 19920310

Abstract (en)  
[origin: EP0557770A1] a first link member 7, upper-limit link member 9a, and lower-limit link member 9b are rotatably and axially coupled together. When the throttle is to be opened, the throttle valve 5 is electrically controlled by the motor 4 which has been under the control of an output from the accelerator opening sensing device 3, and at the same time, the throttle valve 5 is mechanically controlled by the wire 12 through the link members 7, 9a, 9b in response to the degree of opening of the accelerator. A high degree of throttle operation such as traction control, idling control, constant speed run, etc. can be executed normally, and when an abnormality arises, the fail-safe function is at work to close the throttle valve 5. <IMAGE>

IPC 1-7  
**F02D 11/10**; **F02D 41/22**

IPC 8 full level  
**F02D 11/10** (2006.01)

CPC (source: EP)  
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EP1099839A3

Designated contracting state (EPC)  
DE FR GB IT

DOCDB simple family (publication)  
**EP 0557770 A1 19930901**; **EP 0557770 B1 19971001**; DE 69314199 D1 19971106; DE 69314199 T2 19980219

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**EP 93101895 A 19930208**; DE 69314199 T 19930208