

Title (en)
Device for actuating a throttle valve

Title (de)
Vorrichtung zur Verstellung einer Drosselklappe

Title (fr)
Dispositif de commande de papillon

Publication
EP 0558802 B1 19970618 (DE)

Application
EP 92118569 A 19921030

Priority
DE 4206523 A 19920302

Abstract (en)
[origin: EP0558802A2] For the adjustment of a throttle valve (1), pivotably mounted in the intake connection (2) of an internal combustion engine, a device with electric motor-driven actuator, a gear mechanism, a clutch (10) and an electronic control device (11) is proposed, by means of which, in addition to the idling range, the entire load range can also be automatically controlled. At the same time a coupling element (15) is provided between the cable sheave (8), mechanically coupled to the accelerator pedal (6), and a first lever (13) fixed to the throttle valve shaft (1a). It is furthermore proposed that the main return spring (3) act directly on the cable sheave (8), that the coupling element (15) be preloaded by means of a coupling spring (16) against the first lever (13) of the throttle valve shaft (1a) and that a third return spring (19) act on the output (18) of the actuator (9).

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