

Title (en)

Power output control apparatus.

Title (de)

Leistungs-Verstelleinrichtung.

Title (fr)

Dispositif de réglage de la puissance.

Publication

EP 0456904 B1 19940803 (DE)

Application

EP 90124384 A 19901217

Priority

DE 4015353 A 19900512

Abstract (en)

[origin: EP0456904A2] Apparatus with a throttle valve 9 determining the output of an internal combustion engine, which valve is connected in a rotationally fixed manner to a throttle valve shaft 36 supported in the throttle valve housing, a control element acting on the throttle valve shaft 36, which element acts in concert with a driver 4 coupled to an accelerator pedal 1. In addition to the one driver 45, two further drivers 49, 51 are provided, forming a free-running hook 47, with at least two stops, between which one driver 52 of the throttle valve shaft 36 is displaceably accommodated. Due to the use of the first driver 45 between the electric motor 14 and the throttle valve shaft 36, the clutch provided on the output shaft 39 of the electric motor 14 can be eliminated by simple means. Owing to the advantageous design of the free-running hook 47 in conjunction with the two drivers 49, 51 and the springs 46, 70 the throttle valve shaft 36 is subjected to pressure medium from both sides so that when changing up and when changing down no sudden increase in torque occurs in the adjustment of the throttle valve 9. <IMAGE>

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