

Title (en)
LOAD CONTROL APPARATUS

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Abstract (en)
[origin: EP0300153A2] The invention relates to a load adjusting device with a control element (11) capable of influencing an actuator (16) determining the output of an internal combustion engine, which control element is connected to a driver (4) coupled to an accelerator pedal (1) and is also movable by means of an electrical actuating drive (9), with a set value detection element (7) assigned to the driver (4), an actual value detection element (12) interacting with the latter and acting on the electrical actuating drive (9), the electrical actuating drive (9) being controllable as a function of the values detected by an electronic control device (22). It is the object of the invention to create a load adjusting device which is of compact design and will permit a defined feedback to the actuator and hence the throttle valve or the injection pump in all load states, in particular in the event of a failure of the electronic control device. The solution according to the invention is characterised in that the driver (4) and the control element (11) are coupled by means of a coupling spring (13) and the control element (11) is pretensioned in the direction of a stop (14) on the driver (4). <IMAGE>

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