

Title (en)

SETTING DEVICE FOR A CONTROLLED ADJUSTMENT OF A STOP CONNECTED TO AN ACTUATOR

Publication

EP 0080026 B1 19850306 (DE)

Application

EP 82107429 A 19820816

Priority

DE 3146210 A 19811121

Abstract (en)

[origin: US4436069A] A setting device for the controlled displacement of a stop connected with a setting member, particularly an idling stop of an internal combustion engine. The idling stop of the internal combustion engine should not be actuated by such a setting device when the internal combustion engine is intentionally operated at a speed of rotation above the idling speed. If it were, then the idling stop would be so displaced by a control electronic system during the intentional giving of gas that the internal combustion engine would run too slowly or die out upon the following idling. In order to avoid such displacement of the idling stop when the internal combustion engine is operating at travel speed without expensive interruption of the signal flow paths from and/or to the control electronic system, a clutch (3) is arranged between the stop pin and an electric motor as drive member. The clutch is connected with the stop pin (8) by a self-locking gearing (15). The clutch is capable of transmitting force only when the stop pin is to be displaced by the idle or control electronic system since in this case the spring connected with the throttle valve strikes, via the stop (14), against the stop pin (8) and presses the two clutch parts (4, 5) together.

IPC 1-7

F02M 3/06

IPC 8 full level

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