

Title (en)

DEVICE FOR CONTROLLING THE SPEED OF A MOTOR VEHICLE WITH A SELECTABLE NUMBER OF CYLINDERS OF A MULTI-CYLINDER INTERNAL-COMBUSTION ENGINE

Publication

**EP 0027865 B1 19840229 (DE)**

Application

**EP 80104814 A 19800814**

Priority

DE 2942851 A 19791024

Abstract (en)

[origin: EP0027865A1] 1. Apparatus for regulating the travel speed of a motor vehicle having a multi-cylinder internal combustion engine, with an electrical controller (5) whose desired value input (4) is fed with the output signal of a first electrical position pickup (1) coupled with an accelerator pedal (2) and whose actual value input (6) is fed with the output signal of a second electrical position pickup (7) which is connected with a regulating element of an electrical regulating unit (8) which is operatively connected with an element (throttle valve 9) influencing the fuel-air mixture, characterised in that for putting at least one of the cylinders of the internal combustion engine out of operation there are provided switchoff elements controllable electrically in dependence on at least one operating parameter and means (10 to 15) producing electrical control signals for the switchoff elements, the output signal of the first position pickup (1) being fed into said means, and that means (23 to 30) controlled in dependence on the control signals for controlling the switchoff elements are arranged in the line (3) between the output of the first position pickup (1) and the desired value input (4) of the controller (5), for producing a throttle valve jump.

IPC 1-7

**F02D 17/02**; **F02D 5/02**

IPC 8 full level

**F02D 17/02** (2006.01); **F02D 41/00** (2006.01); **F02D 41/36** (2006.01)

CPC (source: EP)

**F02D 17/02** (2013.01); **F02D 41/0087** (2013.01); **F02D 2041/0012** (2013.01); **F02D 2250/21** (2013.01)

Cited by

US5157956A; EP0659992A3; FR2470251A1; EP0659991A3; FR2544390A1; EP0073518A3; WO8300900A1

Designated contracting state (EPC)

DE FR GB SE

DOCDB simple family (publication)

**EP 0027865 A1 19810506**; **EP 0027865 B1 19840229**; DE 2942851 A1 19810507; DE 3066752 D1 19840405

DOCDB simple family (application)

**EP 80104814 A 19800814**; DE 2942851 A 19791024; DE 3066752 T 19800814