

Title (en)
CONTROL DEVICE FOR FUEL INJECTION INTERNAL COMBUSTION ENGINES

Publication
EP 0020320 B1 19820519 (DE)

Application
EP 80890063 A 19800604

Priority
AT 405379 A 19790605

Abstract (en)
[origin: EP0020320A1] 1. Control device for fuel injection internal combustion engines, comprising engine cylinders arranged in at least one row, wherein a fuel injection device is associated with each engine cylinder, and the elements of said fuel injection device adjusting the quantity of fuel delivered are actuated by a control shaft (3) that is rotatably mounted, arranged parallel to the motor shaft and common to all fuel injection devices of one engine row, which control shaft is turned by a speed governor (2) at a magnitude determined by a revolution speed selector (27, 28, 29), the transmission ratio between the movement of the sleeve of the speed governor and the control shaft effective in the operational position "idle" being smaller than in the operational position "full load", characterized in that the axis (1) of the speed governor (2) is arranged parallel to the control shaft (3), that by way of a control rod system (16, 17, 20) the sleeve (10) of the speed governor (2) acts on an adjustment lever (22) rigidly connected to the control shaft (3) and projecting from said control shaft approximately radially, and that the radial distance of the point of engagement (21, 24) of the control sleeve (10) on the adjustment lever (22) and the axis of the control shaft (3) can be adjusted by the revolution speed selector (29, 27).

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F02D 1/10

IPC 8 full level
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