

Title (en)  
DEVICE TO SWITCH OFF AN INJECTION INTERNAL-COMBUSTION ENGINE

Publication  
**EP 0098827 B1 19850925 (DE)**

Application  
**EP 83890113 A 19830706**

Priority  
AT 268682 A 19820709

Abstract (en)  
[origin: US4512306A] For shutting down a fuel injection combustion there is provided a spring-loaded and lockable stop (8), the locking member (13) of which can be retracted in a controlled manner by an operation parameter, e.g. the number of revolutions. In the released position, the stop (8) acts on the fuel amount control rod (1) and moves this rod into zero-delivery position. Adjustment of the fuel amount control-rod (1) is effected by means of a servomotor, noting that on starting the fuel injection combustion engine the stop (8) is drawn by this servomotor into a position in which the stop is maintained by the locking member (13) until retracting same. This locking position of the lockable stop (8) simultaneously represents a stop for the maximum amount of fuel supplied by the injection pump and the fuel amount control rod can, during operation, be adjusted to any desired and just required amount of fuel supplied. If there occurs an inadmissible operating condition, e.g. an overspeed, the lockable stop (8) is released and can, with the aid of the force of the pretensioned shutdown spring, retract the control rod (1) into zero-delivery position out of any position of the control rod.

IPC 1-7  
**F02M 63/02**; **F02M 59/44**

IPC 8 full level  
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