

Title (en)

SPEED GOVERNOR FOR A FUEL INJECTION PUMP

Publication

EP 0168613 B1 19900110 (DE)

Application

EP 85106901 A 19850604

Priority

- DE 3500341 A 19850108
- DE 8421006 U 19840713

Abstract (en)

[origin: US4615317A] An rpm governor for internal combustion engines having two cooperating levers pivotable about a shaft and engaged at one end by at least one governor spring and, counter to this force, by at least one rpm signal transducer is proposed. An idling spring engages one of the two levers, and its other end is adjustably disposed in the governor housing. As a result, a very fine idling adjustment is attainable, independently of the conventional governor springs, and so a "hole" in the engine torque during a transition from overrunning to loaded operation is avoided.

IPC 1-7

F02D 1/04

IPC 8 full level

F02D 1/02 (2006.01); **F02D 1/04** (2006.01); **F02D 1/10** (2006.01)

CPC (source: EP US)

F02D 1/045 (2013.01 - EP US); **F02D 1/10** (2013.01 - EP US)

Cited by

EP0320617A3; GB2282673A; GB2282673B

Designated contracting state (EPC)

DE FR GB

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EP 0168613 A1 19860122; **EP 0168613 B1 19900110**; DE 3500341 A1 19860116; DE 3575329 D1 19900215; JP H0730718 B2 19950410; JP S6134323 A 19860218; US 4615317 A 19861007

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EP 85106901 A 19850604; DE 3500341 A 19850108; DE 3575329 T 19850604; JP 15258085 A 19850712; US 72902485 A 19850430