

Title (en)
DEVICE FOR CONTROLLING THE IDLE SPEED OF AN INTERNAL-COMBUSTION ENGINE

Publication
EP 0131694 B1 19860702 (DE)

Application
EP 84103881 A 19840407

Priority
DE 3325548 A 19830715

Abstract (en)
[origin: US4562809A] In a device for regulating the idling speed of an internal combustion engine by controlling the feed, having an electromechanical setting member, there are provided an electric drive member (core 1, coil 2) and at least one magnetic flux-conducting element (push rod 3) between the drive member and a valve element (impact plate 8) and at least one return spring (6) which acts on the drive member. In order to avoid, as far as possible, any rebound of the sealing member, a prestressed decoupling spring 7 is arranged between the magnetic flux conducting element (push rod 3) and the valve element (impact plate 8) and an opposing spring (9) acts directly on the valve element (impact plate 8).

IPC 1-7
F02M 3/07

IPC 8 full level
F02M 3/07 (2006.01)

CPC (source: EP US)
F02M 3/075 (2013.01 - EP US)

Cited by
US5836521A; EP0322850A1; US4909475A

Designated contracting state (EPC)
DE FR GB SE

DOCDB simple family (publication)
EP 0131694 A2 19850123; EP 0131694 A3 19850410; EP 0131694 B1 19860702; DE 3325548 A1 19850124; DE 3460262 D1 19860807; US 4562809 A 19860107

DOCDB simple family (application)
EP 84103881 A 19840407; DE 3325548 A 19830715; DE 3460262 T 19840407; US 76201685 A 19850801