

Title (en)
AUTOMATIC CHOKE FOR CARBURETORS

Publication
EP 0113268 B1 19861126 (FR)

Application
EP 83402348 A 19831206

Priority
FR 8220455 A 19821207

Abstract (en)
[origin: EP0113268A1] 1. An automatic choke device for a carburettor, of the type comprising an arrangement for controlling a flap member (2a) and a throttle butterfly valve in a carburettor body (1a), said control arrangement essentially comprising rotary levers (8a, 9a) mounted on a shaft (7a), a heatsensitive element (5a) of bimetal strip type, a diaphragm unit (16a) controlled by the pressure obtaining in the intake duct, and a pull member (4a) which is pivoted at one end to a control lever (3a) which is fixed to the shaft (B) of the flap member (2a), characterised in that the first rotary lever (9a) of which one arm (18) is connected to the bimetal member (5a) is connected by way of a spring (11a) to a first arm (20) of the second rotary lever (8a) which is pivoted to the other end of the pull member (4a), the second arm (6a) of the second rotary lever (8a) being engaged with a traction rod (22a) of the diaphragm unit (16a), and that it comprises an adjustable abutment (17) positioned facing the arm (18) of the first rotary lever (9a) so as to limit the rotary movement of the latter in the direction of closure of the flap member (2a).

IPC 1-7
F02M 1/10

IPC 8 full level
F02M 1/10 (2006.01)

CPC (source: EP)
F02M 1/10 (2013.01)

Cited by
CN104215744A; GB2219632A; CN107687378A; US7628387B1

Designated contracting state (EPC)
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DOCDB simple family (publication)
EP 0113268 A1 19840711; EP 0113268 B1 19861126; DE 3367957 D1 19870115; ES 527831 A0 19840801; ES 8406638 A1 19840801; FR 2537212 A1 19840608; FR 2537212 B1 19850412

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