

Title (en)
CARBURETTOR COMPRISING AN AUXILIARY STARTING DEVICE

Publication
EP 0029789 B1 19830817 (FR)

Application
EP 80401678 A 19801121

Priority
FR 7929000 A 19791123

Abstract (en)
[origin: EP0029789A1] 1. Carburetor for internal combustion engine of the type which comprises, for normal operation of the engine, a main fuel jetting system which is located upstream of a driver operated throttle member (2) and, for starting and cold operation, an automatic starting device which comprises a starting flap (3) which is located in the induction passage upstream of the main fuel jetting system as well as a thermostatic element which is responsive to the engine temperature and whose deformation, upon increase of the engine temperature, first moves the flap toward its complete opening position, then further decreases the minimum degree of opening of the main throttle member (2) until a predetermined temperature is reached, said thermostatic element being connected to the flap by a mechanical connection comprising resilient means, characterized in that the starting device is provided with retractable abutting means comprising a first stop (61) which cooperates with the throttling member for causing its minimum degree of opening to be higher than that which is given by said thermostatic element (20) and a second stop (63) which cooperates with the starting flap or limiting its degree of opening to a value which is lower than that which is given by said thermostatic element (20), and is provided with control means (65) for de-energizing said first and second stops after a time delay from the beginning of engine operation.

IPC 1-7
F02M 1/10

IPC 8 full level
F02M 1/14 (2006.01); **F02M 1/10** (2006.01)

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

Cited by
FR2631388A1; US4439377A; EP0343515A3

Designated contracting state (EPC)
DE GB IT SE

DOCDB simple family (publication)
EP 0029789 A1 19810603; EP 0029789 B1 19830817; DE 3064601 D1 19830922; FR 2470255 A2 19810529; FR 2470255 B2 19811211; JP S5688937 A 19810718

DOCDB simple family (application)
EP 80401678 A 19801121; DE 3064601 T 19801121; FR 7929000 A 19791123; JP 16521680 A 19801122