

Title (en)
Idling-up controller.

Title (de)
Leerlaufdrehzahlregelvorrichtung.

Title (fr)
Dispositif de contrÔle de la vitesse de ralenti.

Publication
EP 0257654 A2 19880302 (EN)

Application
EP 87112549 A 19870828

Priority
JP 13136386 U 19860829

Abstract (en)
An idling-up control constituted by an idling-up control mechanism for moving a throttle valve (6) of a carburetor to a predetermined idling-up position by means of an actuator (14), and a fuel-cut mechanism having a fuel-cut valve (28) disposed at an intermediate portion of a slow-system passage (26) of the carburetor. The fuel-cut mechanism shuts off the supply of fuel by using a throttle-opening switch (32) when the rotational speed of the engine is reduced. The idling-up controller is provided with a first conductor (36) for effecting fuel-cut operation which connects the fuel-cut valve (28) of the fuel-cut mechanism and the throttle-opening switch (32) to each other, and a second conductor (40) for effecting idling-up operation which has an electromagnetic valve (22) for operating the actuator (14) and which is connected to the first conductor (36).

IPC 1-7
F02M 3/045; F02M 3/07

IPC 8 full level
F02D 9/02 (2006.01); **F02M 3/045** (2006.01); **F02M 3/06** (2006.01); **F02M 3/07** (2006.01)

CPC (source: EP)
F02M 3/045 (2013.01); **F02M 3/07** (2013.01)

Cited by
US8496886B2

Designated contracting state (EPC)
BE DE LU NL

DOCDB simple family (publication)
EP 0257654 A2 19880302; EP 0257654 A3 19890524; EP 0257654 B1 19911023; AU 604491 B2 19880303; AU 7739387 A 19880303; DE 3774040 D1 19911128; JP S6338648 U 19880312

DOCDB simple family (application)
EP 87112549 A 19870828; AU 7739387 A 19870825; DE 3774040 T 19870828; JP 13136386 U 19860829