

Title (en)  
IDLING-UP CONTROLLER

Publication  
**EP 0257654 B1 19911023 (EN)**

Application  
**EP 87112549 A 19870828**

Priority  
JP 13136386 U 19860829

Abstract (en)  
[origin: EP0257654A2] 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