

Title (en)

THROTTLE DEVICE FOR A COMBUSTION ENGINE AND MOTORCYCLE WITH SAME

Title (de)

DROSSELKLAPPENEINRICHTUNG FÜR EINE BRENNKRAFTMASCHINE UND DAMIT VERSEHENES MOTORRAD

Title (fr)

DISPOSITIF DE CLAPET D'ETRANGLEMENT POUR MOTEUR A COMBUSTION INTERNE ET MOTO EN ETANT EQUIPEE

Publication

EP 3015682 B1 20180425 (DE)

Application

EP 15182582 A 20150826

Priority

DE 102014115954 A 20141103

Abstract (en)

[origin: US2016123284A1] Proposed is a throttle valve apparatus for an internal combustion engine, with a housing and an intake pipe comprising a through-flow cross section and a throttle valve that is pivotable relative to the through-flow cross section, which is actuatable by means of a throttle valve shaft and with an actuating device arranged on the housing, by means of which the throttle valve can be releasably fixed in a cold starting position in which the through-flow cross section is at least partially opened.

IPC 8 full level

F02D 9/10 (2006.01); **F02D 9/02** (2006.01); **F02D 11/02** (2006.01); **F02D 11/04** (2006.01); **F02M 1/02** (2006.01); **F02M 35/10** (2006.01); **F02M 35/16** (2006.01)

CPC (source: EP US)

F02D 9/1055 (2013.01 - EP US); **F02M 35/10255** (2013.01 - EP US); **F02D 9/02** (2013.01 - EP US); **F02D 9/1065** (2013.01 - EP US); **F02D 11/02** (2013.01 - EP US); **F02D 11/04** (2013.01 - EP US); **F02D 2009/025** (2013.01 - EP US); **F02M 1/02** (2013.01 - EP US); **F02M 35/162** (2013.01 - EP US)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

EP 3015682 A1 20160504; **EP 3015682 B1 20180425**; DE 102014115954 A1 20160504; ES 2678998 T3 20180821; US 2016123284 A1 20160505; US 9714629 B2 20170725

DOCDB simple family (application)

EP 15182582 A 20150826; DE 102014115954 A 20141103; ES 15182582 T 20150826; US 201514931251 A 20151103