

Title (en)  
Throttle device and motorcycle including the same

Title (de)  
Drosselvorrichtung und Motorrad damit

Title (fr)  
Dispositif régulateur et motocyclette l'incluant

Publication  
**EP 2194256 A2 20100609 (EN)**

Application  
**EP 09176328 A 20091118**

Priority  
JP 2008307727 A 20081202

Abstract (en)  
A throttle device (60) includes a throttle valve (66) to be provided in an air-intake passage of an engine (3), a drive means (70) for driving the throttle valve (66), a throttle opening degree detecting means (90), an accelerator opening degree detecting means (12) for detecting an accelerator opening degree indicating an operation amount of an accelerator operation member (11), and a control means (30) for controlling the drive means (70) so that a throttle opening degree corresponds to an accelerator opening degree. The control means (30), at occurrence of an abnormality, operates as follows. If a throttle opening degree corresponding to an accelerator opening degree is smaller than a detected throttle opening degree, the control means (30) drives the drive means (70) so that a throttle opening degree corresponds to the accelerator opening degree. If a throttle opening degree corresponding to an accelerator opening degree is equal to or more than a detected throttle opening degree, the control means (30) drives the drive means (70) at a predetermined speed so that a throttle opening degree becomes a predetermined value.

IPC 8 full level  
**F02D 11/10** (2006.01)

CPC (source: EP)  
**F02D 11/107** (2013.01); **F02D 11/106** (2013.01); **F02D 35/0007** (2013.01); **F02D 2200/0404** (2013.01); **F02D 2200/602** (2013.01); **F02D 2400/08** (2013.01)

Citation (applicant)  
• JP 2002256903 A 20020911 - YAMAHA MOTOR CO LTD  
• JP 2008307727 A 20081225 - SEIKO EPSON CORP

Cited by  
US10890503B2; WO2012146411A1

Designated contracting state (EPC)  
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