

Title (en)  
Ignition control device of engine, internal combustion engine and motorcycle including the same

Title (de)  
Zündschaltgerät eines Motors, Verbrennungsmotor und Motorrad, der diesen Motor enthält

Title (fr)  
Dispositif de commande d'ignition de moteur, moteur à combustion interne et motocyclette l'incluant

Publication  
**EP 2151562 A2 20100210 (EN)**

Application  
**EP 09009292 A 20090716**

Priority  
JP 2008205650 A 20080808

Abstract (en)  
An ignition control device includes revolution speed detection means, revolution speed reduction detection means and ignition prevention means. The revolution speed detection means is configured to detect a revolution speed at a given timing in a revolution of the engine. The revolution speed reduction detection means is configured to detect the amount of speed reduction from a previous engine revolution to a present engine revolution based on the detection of the revolution speed detection means. The present engine revolution is defined as an engine revolution in which an ignition is executed. On the other hand, the previous engine revolution is defined as an immediately previous engine revolution from the present engine revolution. The ignition prevention means is configured to prevent the ignition in the present engine revolution when the amount of speed reduction detected by the revolution speed reduction detection means is greater than a predetermined amount.

IPC 8 full level  
**F02B 75/16** (2006.01); **F02P 9/00** (2006.01); **G01P 13/04** (2006.01)

CPC (source: EP)  
**F02P 9/002** (2013.01); **F02B 61/02** (2013.01); **F02D 2200/1012** (2013.01); **F02D 2250/06** (2013.01); **F02P 3/0807** (2013.01); **F02P 5/1506** (2013.01); **F02P 5/1508** (2013.01); **F02P 5/1558** (2013.01); **F02P 7/067** (2013.01); **F02P 11/02** (2013.01)

Citation (applicant)  
JP 2006274998 A 20061012 - YAMAHA MOTOR CO LTD

Cited by  
FR3098251A1; US11566571B2; WO2021001131A1

Designated contracting state (EPC)  
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 SE SI SK SM TR

Designated extension state (EPC)  
AL BA RS

DOCDB simple family (publication)  
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**EP 09009292 A 20090716**; BR PI0902795 A 20090804; CN 200910159263 A 20090810; JP 2009140761 A 20090612; TW 98123801 A 20090714