



(11) **EP 2 806 146 B8**

(12) **CORRECTED EUROPEAN PATENT SPECIFICATION**

(15) Correction information:  
**Corrected version no 1 (W1 B1)**  
**Corrections, see**  
**Bibliography INID code(s) 54**

(51) Int Cl.:  
**F02D 45/00** <sup>(2006.01)</sup> **F02D 41/14** <sup>(2006.01)</sup>  
**F02D 41/18** <sup>(2006.01)</sup> **F02M 25/06** <sup>(2006.01)</sup>  
**F02M 25/08** <sup>(2006.01)</sup> **F02P 5/15** <sup>(2006.01)</sup>  
**F02P 5/152** <sup>(2006.01)</sup> **F02P 5/153** <sup>(2006.01)</sup>  
**F02D 41/00** <sup>(2006.01)</sup> **F02D 41/24** <sup>(2006.01)</sup>

(48) Corrigendum issued on:  
**14.12.2016 Bulletin 2016/50**

(86) International application number:  
**PCT/JP2012/077074**

(45) Date of publication and mention  
of the grant of the patent:  
**28.09.2016 Bulletin 2016/39**

(87) International publication number:  
**WO 2013/108455 (25.07.2013 Gazette 2013/30)**

(21) Application number: **12865979.4**

(22) Date of filing: **19.10.2012**

(54) **CONTROL APPARATUS FOR INTERNAL COMBUSTION ENGINE**

VORRICHTUNG ZUR STEUERUNG EINES VERBRENNUNGSMOTORS

DISPOSITIF DE COMMANDE DE MOTEUR À COMBUSTION INTERNE

(84) Designated Contracting States:  
**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**

- **TAKAMIYA, Hideharu**  
**Wako-shi**  
**Saitama 351-0113 (JP)**
- **KOMATSU, Hirotaka**  
**Wako-shi**  
**Saitama 351-0113 (JP)**
- **MOTOHASHI, Yasuhiro**  
**Wako-shi**  
**Saitama 351-0113 (JP)**

(30) Priority: **19.01.2012 JP 2012008563**

(43) Date of publication of application:  
**26.11.2014 Bulletin 2014/48**

(73) Proprietor: **Honda Motor Co., Ltd.**  
**Minato-ku**  
**Tokyo 107-8556 (JP)**

(74) Representative: **Weickmann & Weickmann**  
**PartmbB**  
**Postfach 860 820**  
**81635 München (DE)**

(72) Inventors:  
• **IRIE, Seiichiro**  
**Wako-shi**  
**Saitama 351-0113 (JP)**  
• **ITO, Hisashi**  
**Wako-shi**  
**Saitama 351-0113 (JP)**

(56) References cited:  
**WO-A1-2011/074302 JP-A- 2002 147 279**  
**JP-A- 2006 258 029 JP-A- 2006 328 963**  
**JP-A- 2007 297 955 JP-A- 2009 024 671**  
**US-A- 5 400 761 US-A- 5 469 833**  
**US-A1- 2002 026 921 US-A1- 2004 250 805**  
**US-B1- 6 176 227**

Note: Within nine months of the publication of the mention of the grant of the European patent in the European Patent Bulletin, any person may give notice to the European Patent Office of opposition to that patent, in accordance with the Implementing Regulations. Notice of opposition shall not be deemed to have been filed until the opposition fee has been paid. (Art. 99(1) European Patent Convention).

**EP 2 806 146 B8**