



(12) **CORRECTED EUROPEAN PATENT APPLICATION**  
published in accordance with Art. 153(4) EPC

(15) Correction information:  
**Corrected version no 1 (W1 A1)**  
**Corrections, see**  
**Bibliography INID code(s) 71, 72**

(51) Int Cl.:  
**F02B 37/16 (2006.01) F02B 37/18 (2006.01)**

(86) International application number:  
**PCT/JP2010/054498**

(48) Corrigendum issued on:  
**27.03.2013 Bulletin 2013/13**

(87) International publication number:  
**WO 2011/114448 (22.09.2011 Gazette 2011/38)**

(43) Date of publication:  
**23.01.2013 Bulletin 2013/04**

(21) Application number: **10847863.7**

(22) Date of filing: **17.03.2010**

(84) Designated Contracting States:  
**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**

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

(57) The present invention aims at improving the acceleration response in the case where an acceleration request occurs when a waist gate valve is open.

A control apparatus for an internal combustion engine according to the present invention includes: a turbocharger having a turbine disposed in an exhaust path and a compressor disposed in an intake path; a waist gate valve that opens and closes a bypass channel that connects a part of the exhaust path upstream of the turbine and a part of the exhaust path downstream of the turbine to each other; a drive mechanism that drives the waist gate valve; and waist gate valve opening controlling means that controls the drive mechanism so that the opening of the waist gate valve agrees with a saturation minimum opening when the drive mechanism opens the waist gate valve, the saturation minimum opening being the minimum opening at which the flow rate of an exhaust gas passing through the bypass channel is saturated.

Fig. 7

