



(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:
03.10.2012 Bulletin 2012/40

(51) Int Cl.:
F02D 11/10 (2006.01) F02D 41/24 (2006.01)

(43) Date of publication A2:
13.05.2009 Bulletin 2009/20

(21) Application number: **08253549.3**

(22) Date of filing: **30.10.2008**

(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 MT NL NO PL PT RO SE SI SK TR
Designated Extension States:
AL BA MK RS

(30) Priority: **07.11.2007 JP 2007290199**
07.11.2007 JP 2007290200
07.11.2007 JP 2007290201

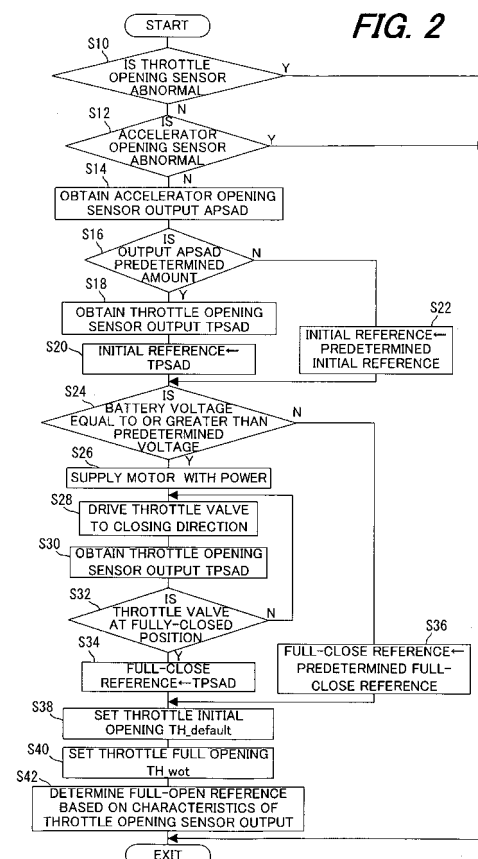
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(54) **Control system for internal combustion engine**

(57) In a system for controlling an internal combustion engine (12) mounted on a vehicle (10) and having an actuator (44) that drives a throttle valve (24) installed in an intake pipe (22) of the engine, it is configured to comprise a throttle opening sensor (52) that produces an output indicative of opening of the throttle valve (24), and to determine an output of the throttle opening sensor (52) at a time when the throttle valve (24) is driven to a fully-closed position by the actuator as a full-close reference TPS_fully_close; determine a full-open reference TPS_wot corresponding to a fully-opened position of the throttle valve (24) based on the determined full-close reference; and control the operation of the actuator (44) such that the throttle valve opening becomes a desired value that is determined within a range defined by the full-close reference and the full-open reference. With this, the full-close reference and full-open reference can be determined accurately and promptly.





EUROPEAN SEARCH REPORT

Application Number
EP 08 25 3549

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			TECHNICAL FIELDS SEARCHED (IPC)
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The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 23 August 2012	Examiner Trotureau, Damien
<p>CATEGORY OF CITED DOCUMENTS</p> <p>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</p> <p>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document</p>			

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EPO FORM 1503 03.82 (P04C01)

**ANNEX TO THE EUROPEAN SEARCH REPORT
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EP 08 25 3549

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
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