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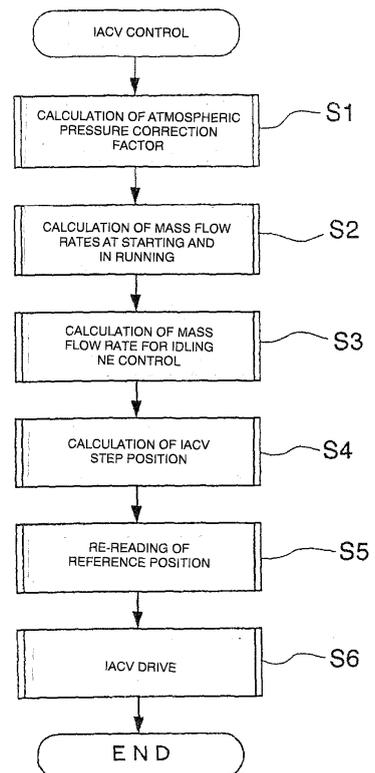
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(54) **Intake air flow control system for internal combustion engine**

(57) To provide an intake air flow control system for an internal combustion engine with which it is possible to prevent a rise in cost and to prevent adverse effects on the starting characteristics of the internal combustion engine.

At the time of performing a reference position adjustment of an auxiliary intake air flow control valve, when both a first re-reading condition where the absolute value of the difference between a target idling engine speed and a current idling engine speed is smaller than a first threshold and a second re-reading condition where the absolute value of the difference between a calculated intake flow rate and a reference intake flow rate is greater than a second threshold are established, step S5 is performed in which a valve opening corresponding to the reference intake flow rate on a reference characteristic basis is used in place of a valve opening corresponding to the calculated intake flow rate.

FIG. 6



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EUROPEAN SEARCH REPORT

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EP 03 10 4340

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The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 19 November 2009	Examiner De Vita, Diego
CATEGORY OF CITED DOCUMENTS		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	
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			

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**ANNEX TO THE EUROPEAN SEARCH REPORT
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