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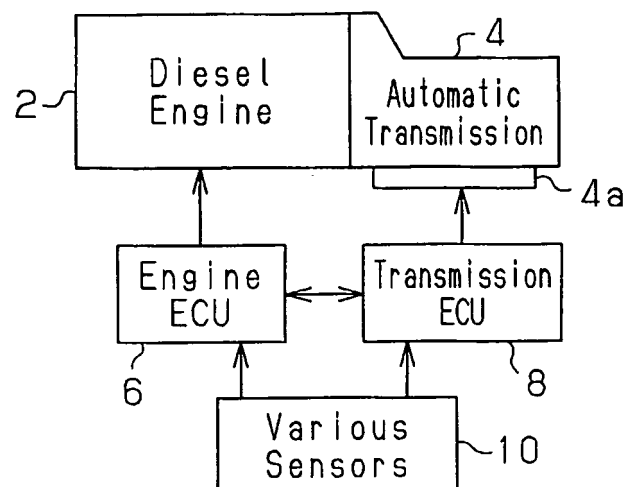
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(54) **Fuel supply amount controller of internal combustion engine and method for controlling the same**

(57) A controller controls an amount of fuel supplied to an internal combustion engine of a vehicle. The controller restricts the fuel supply amount, which is requested for the engine, in accordance with a fail-safe limit value set correspondingly to an operation state of the engine. The controller includes changing means. When a supplemental fuel injection amount, which is requested for

causing the engine to generate output torque required for purposes other than driving the vehicle, is set, the changing means causes the limit value to be equal to or to approach the supplemental fuel injection amount if the limit value is less than the supplemental fuel injection amount. Therefore, the controller corresponds to a request for causing the engine to generate output torque required for purposes other than driving the vehicle.

Fig.1





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EUROPEAN SEARCH REPORT

Application Number
EP 04 01 3042

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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 2 February 2006	Examiner Trotureau, D
CATEGORY OF CITED DOCUMENTS 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 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			

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**ANNEX TO THE EUROPEAN SEARCH REPORT
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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
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