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(72) Inventors:
 • **Regazzi, Gianni**
40128 Bologna (IT)
 • **Calabri, Pierluigi**
40068 San Lazzaro di Savena (BO) (IT)
 • **Bianco, Sergio**
40068 San Lazzaro di Savena (BO) (IT)

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(74) Representative: **Coloberti, Luigi**
Via E. de Amicis No. 25
20123 Milano (IT)

(71) Applicant: **DUCATI ENERGIA S.p.A.**
40132 Bologna (IT)

(54) **Method and device for controlling the idle speed of an engine**

(57) A method and an apparatus for controlling the idle operating conditions of an internal-combustion engine of a motor vehicle, upon variation in the power drawn from the voltage generator (W4) by the electric circuit (L-BA). The running speed of the engine is detected by a logic control unit (ME), for example a micro-controller, in relation to the frequency of the generator voltage within a predefined running speed range; by the

same logic control unit (ME) the connected or disconnected state of the alternating-current electric load (L) of the vehicle is detected and, depending on the information received regarding the connected or disconnected state of the electric load (L) to the voltage generator (W4) and the running speed of the engine, the logic control unit (ME) causes activation or deactivation of an electronic control switch (SCR3 - figure 4) to connect the voltage generator (W4) to earth.

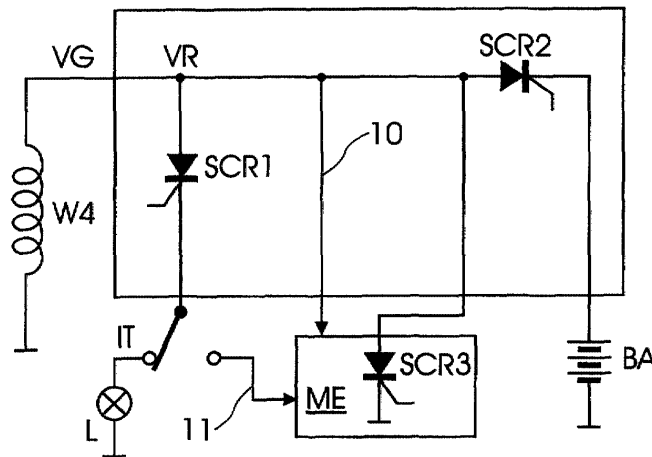


Fig. 1



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EUROPEAN SEARCH REPORT

Application Number
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The present search report has been drawn up for all claims			
Place of search		Date of completion of the search	Examiner
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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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