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(71) Applicant: NISSAN MOTOR COMPANY, LIMITED  
Yokohama-shi,  
Kanagawa 221-0023 (JP)

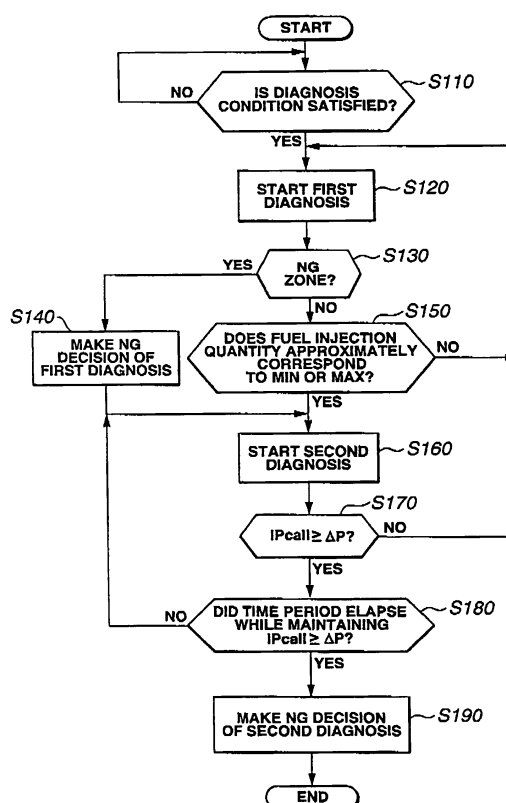
(72) Inventors:  
• Semii, Kazuhiro  
Yokohama-shi,  
Kanagawa 233-0002 (JP)  
• Yamamoto, Naoki  
Kawasaki-shi,  
Kanagawa 214-0012 (JP)

(74) Representative: Grünecker, Kinkeldey,  
Stockmair & Schwanhäusser  
Anwaltssozietät  
Maximilianstrasse 58  
80538 München (DE)

### (54) Fuel supply control system for internal combustion engine

(57) A fuel supply control system is arranged to execute a first diagnosis based on the a fuel injection quantity ( $Q_i$ ) and a fuel pump discharge quantity ( $Q$ ) after a feedback control of a fuel pressure ( $p$ ) is started, to execute a second diagnosis when a result of the first diagnosis is NG or when the fuel pump discharge quantity ( $Q$ ) approximately takes one of a maximum quantity (MAX) or minimum quantity (MIN) of the fuel pump discharge quantity, and to make a NG decision in the second diagnosis when a condition of a magnitude of a difference ( $P_{cal}$ ) between a target fuel pressure ( $P_t$ ) and an actual fuel pressure ( $P$ ) is greater than a predetermined pressure is maintained for a predetermined time period ( $T$ ).

FIG.6





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# EUROPEAN SEARCH REPORT

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