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(71) Applicant: **TOYOTA JIDOSHA KABUSHIKI
KAISHA**
Aichi-ken 471-8571 (JP)

(72) Inventors:

- Sugiyama, Tatsumasa
Toyota-shi, Aichi-ken, 471-8571 (JP)
- Katou, Yuuichirou
Toyota-shi, Aichi-ken, 471-8571 (JP)

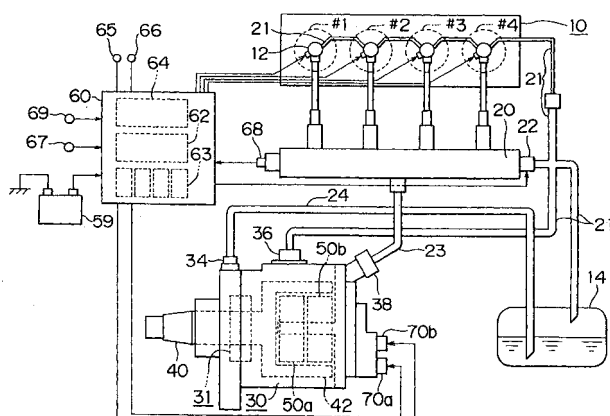
(74) Representative: **KUHNEN & WACKER**
Patent- und Rechtsanwaltsbüro
Prinz-Ludwig-Strasse 40A
85354 Freising (DE)

(54) **Fuel pressure control apparatus**

(57) The present invention proposes a fuel pressure control apparatus for a high-pressure fuel injection system which sufficiently reduces a fuel pressure in an accumulator line (20) while preventing the high-pressure fuel injection system from being adversely affected. The fuel pressure control apparatus for the high-pressure fuel injection system is equipped with an accumulator line (20) for accumulating fuel supplied from a fuel pump (30) at a high pressure and supplying the fuel to fuel injection valves (12), and with a relief valve (22) for discharging fuel in the accumulator line (20). Furthermore, the ap-

paratus is equipped with fuel pressure control means (68) for detecting a fuel pressure in the accumulator line (20) and driving the relief valve (22) so as to reduce the fuel pressure in accordance with a pressure reduction requirement based on a comparison between the detected fuel pressure and a target pressure. A relief valve driving control means (60) controls the relief valve (22) in such a manner as to prevent the open-valve period of the relief valve from overlapping with a timing at which a fuel pressure detection means (68) detects a fuel pressure.

FIG. 1





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EUROPEAN SEARCH REPORT

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Place of search The Hague		Date of completion of the search 26 March 2004	Examiner Sideris, M
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**ANNEX TO THE EUROPEAN SEARCH REPORT
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