

Title (en)
Procedure and device for pressure control

Title (de)
Verfahren und Vorrichtung zur Druckregelung

Title (fr)
Procédure et dispositif de réglage de pression

Publication
EP 1134399 A3 20020619 (DE)

Application
EP 00125558 A 20001122

Priority
DE 10003298 A 20000127

Abstract (en)
[origin: DE10003298A1] The method involves modeling a pressure regulator and/or actuator in a pressure regulating circuit. The model produces at least one signal characterizing the noise parameters in the pressure regulating circuit. An injection quantity, a leakage quantity, a control quantity and a pressure build-up quantity act on the pressure regulating loop as disturbing parameters. Independent claims are also included for the following: an arrangement for pressure regulation.

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F02D 41/38

IPC 8 full level
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CPC (source: EP)
F02D 41/221 (2013.01); **F02D 41/3845** (2013.01); **F02M 63/0225** (2013.01); **F02D 2041/1416** (2013.01); **F02D 2041/1433** (2013.01); **F02D 2041/224** (2013.01); **F02D 2041/225** (2013.01); **F02D 2200/0602** (2013.01); **F02D 2250/31** (2013.01)

Citation (search report)
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• [Y] DE 19757655 A1 19990826 - SIEMENS AG [DE]
• [A] EP 0793155 A2 19970903 - NELES JAMESBURY OY [FI]
• [A] YANG W C ET AL: "DYNAMIC MODELING AND ANALYSIS OF AUTOMOTIVE MULTI-PORT ELECTRONIC FUEL DELIVERY SYSTEM", TRANSACTIONS OF THE ASME. JOURNAL DYNAMIC SYSTEMS MEASUREMENT, XX, XX, vol. 113, 1 March 1991 (1991-03-01), pages 143 - 151, XP000534158

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