

Title (en)
COMMON RAIL SYSTEM

Title (de)
COMMON-RAIL-SYSTEM

Title (fr)
SYSTEME D'INJECTION DIRECTE A RAMPE COMMUNE

Publication
EP 1317619 B1 20060329 (DE)

Application
EP 01971670 A 20010829

Priority
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Abstract (en)
[origin: WO0220976A1] Disclosed is a valve which is used to control a fluid, comprising an actuator unit (7) which is used to actuate an axially displaceable valve member (6) with an associated valve closing member (15), cooperating with a valve seat (23) in order to open and close the valve (1) and separating a high pressure area (3) from the valve (1). The fluid to be controlled is located in the high pressure area (3) at a working pressure (p-R). Said working pressure (p-R) and an over pressure occurring in specific circumstances are recorded by the actuator unit (7) which is embodied as a force measuring sensor. Said valve (1) is especially used as a pressure limiting valve in a common rail system.

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• DE 19954023 A1 20000531 - DENSO CORP [JP]
• EP 0971119 A2 20000112 - ISUZU MOTORS LTD [JP]
• EP 0790402 A2 19970820 - ISUZU MOTORS LTD [JP]

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