

Title (en)
COMMON RAIL SYSTEM

Title (de)
COMMON-RAIL-SYSTEM

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

Publication
EP 1317619 A1 20030611 (DE)

Application
EP 01971670 A 20010829

Priority
• DE 0103303 W 20010829
• DE 10044120 A 20000907

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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IPC 8 full level
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CPC (source: EP)
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