

Title (en)

Injection valve with a spring pretension adjusting tube

Title (de)

Einspritzventil mit einer Federvorspannungseinstellhülse

Title (fr)

Soupape d'injection comprenant un tube de réglage de précontrainte du ressort

Publication

EP 1467088 B1 20060621 (EN)

Application

EP 03008497 A 20030411

Priority

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Abstract (en)

[origin: EP1467088A1] The invention describes an injection valve (1) with a valve closing element (4) that is biased by a spring (10) against a valve seat (5). The spring (10) is preloaded by an adjusting tube (14) that is arranged within an inlet tube (7) and connected to the inlet tube (7). The invention proposes a retaining element (12,13) that is fixed with the inlet tube (7) and that retains the adjusting tube (14). The retaining element (12,13) blocks a movement of the adjusting tube (14) of the spring (10) and enables an incremental movement of the adjusting tube (14) towards the spring (10). The injection valve (1) shows the advantage that the tension of the spring (10) can be precisely adjusted. <IMAGE>

IPC 8 full level

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CPC (source: EP)

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