

Title (en)

FUEL DISTRIBUTION PIPE FOR MOTOR VEHICLE INJECTION DEVICES, IN PARTICULAR FOR COMMON RAIL SYSTEMS

Title (de)

KRAFTSTOFFVERTEILUNGSRÖHR FÜR KRAFTFAHRZEUG-EINSPRITZEINRICHTUNGEN, INSBESONDERE FÜR COMMON-RAIL-SYSTEME

Title (fr)

TUYAU DE DISTRIBUTION DE CARBURANT POUR DISPOSITIF D'INJECTION DE CARBURANT, EN PARTICULIER POUR DES SYSTEMES A RAIL COMMUN

Publication

**EP 1502022 B1 20060719 (DE)**

Application

**EP 03729864 A 20030505**

Priority

- DE 0301431 W 20030505
- DE 10220339 A 20020507

Abstract (en)

[origin: WO03095826A1] The interior of the drawn, rolled or forged pipe (1) forms a high-pressure reservoir (2) comprising pressure lines (4), which are respectively connected to said reservoir by means of a transversal bore (3). The sealing body (7) of an end connection presses against a bearing surface (8) of the pipe (1) to form a seal by means of a force transmission element (9, 10, 13) that is provided with a thread. To reduce axial installation space and to improve the tensioning conditions, the sealing body (7) and the force transmission element (10, 13, 18) are arranged at least partially parallel to one another in the axial direction.

IPC 8 full level

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CPC (source: EP US)

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