

Title (en)

HIGH-PRESSURE ACCUMULATOR OF A HIGH-PRESSURE FUEL INJECTION SYSTEM

Title (de)

HOCHDRUCKSPEICHER EINES KRAFTSTOFFHOCHDRUCKEINSPRITZSYSTEMS

Title (fr)

ACCUMULATEUR HAUTE PRESSION D'UN SYSTÈME D'INJECTION DE CARBURANT HAUTE PRESSION

Publication

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Application

EP 18700566 A 20180115

Priority

- FR 1750420 A 20170119
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Abstract (en)

[origin: WO2018134144A1] The invention relates to a high-pressure accumulator for a high-pressure injection system made of a cylindrical body (11), which delimits a high-pressure chamber (12, 12a), and connection pieces (13, 13a), which are provided with outlet passages (131, 131a) for a high-pressure liquid, said passages opening into the chamber (12, 12a), and each of which is provided with a throttle in order to weaken pressure waves generated by injectors connected downstream. Each of the connection pieces (13, 13a) has a passage (131, 131a) with a chamber (1312, 1312a) at the outlet, said chamber receiving an insert piece (2, 2a) which is provided with the throttle (22, 22a). The insert piece (2, 2a) is fixed in the chamber (1312, 1312a) in a force-fitting manner by an autofrettage process of the high-pressure accumulator.

IPC 8 full level

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CPC (source: EP KR)

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Citation (search report)

See references of WO 2018134144A1

Cited by

US2021231087A1; US11542902B2

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