

Title (en)

Fluid pump, particularly high-pressure fuel pump, having pressure damper

Title (de)

Fluidpumpe, insbesondere Kraftstoffhochdruckpumpe, mit Druckdämpfer

Title (fr)

Pompe à fluide, en particulier pompe à carburant haute pression, avec amortisseur de pression

Publication

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Application

EP 10176791 A 20040929

Priority

- EP 04787240 A 20040929
- DE 10345725 A 20031001

Abstract (en)

[origin: WO2005031161A2] Disclosed is a fluid pump (20), especially a high-pressure fuel pump, comprising a housing (50) and at least one low-pressure connection (18) on the intake side. An intake valve (40) and a conveying space (32) which is delimited by a conveying element (30) are also provided. The inventive fluid pump (20) further comprises a pressure damper (48) which dampens pressure variations on the intake side while encompassing at least one compressible volume (76) that is located directly in the flow path (46) between the low-pressure connection (18) and the intake valve (40).

IPC 8 full level

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Cited by

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