

Title (en)

FLUID PUMP, PARTICULARLY HIGH-PRESSURE FUEL PUMP

Title (de)

FLUIDPUMPE, INSBESONDERE KRAFTSTOFFHOCHDRUCKPUMPE, MIT DRUCKDÄMPFER

Title (fr)

POMPE A FLUIDE, EN PARTICULIER POMPE A CARBURANT HAUTE PRESSION

Publication

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Application

EP 04787240 A 20040929

Priority

- EP 2004052346 W 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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CPC (source: EP)

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WO 2005031161 A2 20050407; **WO 2005031161 A3 20061116**; DE 10345725 A1 20050421; DE 10345725 B4 20170105; DE 502004012379 D1 20110519; EP 1671031 A2 20060621; EP 1671031 B1 20110406; EP 2273115 A1 20110112; EP 2273115 B1 20140416; JP 2006521487 A 20060921; JP 4235647 B2 20090311

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