

Title (en)

PISTON PUMP FOR SUPPLYING FUEL AT HIGH PRESSURE

Title (de)

KOLBENPUMPE ZUR KRAFTSTOFFHOCHDRUCKVERSORGUNG

Title (fr)

POMPE A PISTON POUR LA PRODUCTION DE HAUTE PRESSION DE CARBURANT

Publication

EP 1121530 B1 20030122 (DE)

Application

EP 99939360 A 19990617

Priority

- DE 9901781 W 19990617
- DE 19848040 A 19981017

Abstract (en)

[origin: DE19848040A1] A pump housing (2) has a first plate (16) to seal it against an internal chamber (10), which is covered by a second plate (18). Both plates engage on each other full-surface. A section of a first channel (29) containing fuel at under pressure, passes through the first plate between pump housing and second plate. A second back pressure valve (12) is located between first plate and pump housing. A second channel (31) containing fuel at high pressure, extends between the second valve and a cylinder chamber (17) in the first plate.

IPC 1-7

F04B 1/04

IPC 8 full level

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CPC (source: EP US)

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Cited by

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