

Title (en)

PISTON PUMP, PARTICULARLY A HIGH-PRESSURE FUEL PUMP FOR AN INTERNAL COMBUSTION ENGINE

Title (de)

KOLBENPUMPE, INSBESONDERE KRAFTSTOFF-HOCHDRUCKPUMPE FÜR EINE BRENNKRAFTMASCHINE

Title (fr)

POMPE A PISTON, NOTAMMENT POMPE A CARBURANT HAUTE PRESSION DESTINEE A UN MOTEUR A COMBUSTION INTERNE

Publication

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Application

EP 05797277 A 20051005

Priority

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- DE 102004063075 A 20041228

Abstract (en)

[origin: WO2006069818A1] A piston pump (16), particularly a high-pressure fuel pump for an internal combustion engine, comprising a housing (28) and a piston (36) defining a working chamber (38) and comprising a shoulder (48) which is oriented away from the working chamber (38). According to the invention, the working-chamber side end of the piston (38) moves forwards into the housing (28) and a stop element (60) is fixed to the housing (28), said stop element comprising a stop (78) which at least partially cooperates with the shoulder (48).

IPC 8 full level

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CPC (source: EP)

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Cited by

US9709055B2; US2015017041A1; DE102013224797A1; US10107285B2

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WO 2006069818 A1 20060706; CN 101094988 A 20071226; CN 101094988 B 20100929; DE 102004063075 A1 20060713; DE 102004063075 B4 20151126; EP 1834089 A1 20070919; EP 1834089 B1 20121212; ES 2395942 T3 20130218; JP 2008525713 A 20080717; JP 4664989 B2 20110406

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