

Title (en)

RADIAL PISTON PUMP FOR HIGH PRESSURE FUEL SUPPLY

Title (de)

RADIALKOLBENPUMPE ZUR KRAFTSTOFFHOCHDRUCKVERSORGUNG

Title (fr)

POMPE A PISTONS RADIAUX POUR ALIMENTATION HAUTE PRESSION EN CARBURANT

Publication

EP 1047876 B1 20030226 (DE)

Application

EP 98966165 A 19981125

Priority

- DE 9803467 W 19981125
- DE 19801353 A 19980116

Abstract (en)

[origin: DE19801353A1] The pump casing top(10) has a through-hole(9) extending radially to the drive shaft(2) and into which is shrinked a sleeve(8) to house the piston(5). The casing top lies by a flat contact face(60) against a flat contact face(61) of casing base(1). The through-hole has a section(11) with a larger diameter to accommodate the sleeve, and a section(12) of smaller diameter to accommodate a shut-off element(20). The section with the smaller diameter is larger than the internal diameter of the sleeve.

IPC 1-7

F04B 1/04

IPC 8 full level

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