

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 1047875 A1 20001102 (DE)

Application

EP 98965060 A 19981105

Priority

- DE 9803222 W 19981105
- DE 19801398 A 19980116

Abstract (en)

[origin: DE19801398A1] The radial piston pump has an eccentric drive shaft (4) within the pump housing (2) which carries a sliding ring (8) which moves the pistons (12) radially in relation to the drive shaft (4), within their cylinders (18). A guide (24) prevents the ring (8) from rotating round its own axis. The guide (24) has a projection (26) which is at least partially parallel to the shaft (4), and extends into a recess (28) of larger dimensions than the projection (26).

IPC 1-7

F04B 1/04; F04B 1/053; F02M 63/02

IPC 8 full level

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CPC (source: EP US)

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