

Title (en)
RADIAL PISTON PUMP

Title (de)
RADIALKOLBENPUMPE

Title (fr)
POMPE A PISTONS RADIAUX

Publication
EP 1029177 A1 20000823 (DE)

Application
EP 98956902 A 19981102

Priority
• DE 19748750 A 19971105
• EP 9806927 W 19981102

Abstract (en)
[origin: DE19748750A1] The inventive radial piston pump has a number of cylinder bores in a pump housing to accommodate the pistons which slide into them. Said cylinder bores are plugged by pressed-in stoppers (3). Pressure channels are incorporated into the stoppers and all of the stoppers are sealed by a flat spiral spring (6) which serves as a return valve. Each stopper (3) has at least one side discharge channel (8, 9) in order to increase the outflow cross section through the pressure channels.

IPC 1-7
F04B 1/04; F04B 53/10

IPC 8 full level
F04B 1/04 (2006.01); **F04B 53/10** (2006.01)

CPC (source: EP US)
F04B 1/0465 (2013.01 - EP US); **F04B 53/1075** (2013.01 - EP US); **Y10T 137/7843** (2015.04 - EP US)

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