

Title (en)  
Radial piston pump

Title (de)  
Radialkolbenpumpe

Title (fr)  
Pompe à pistons radiaux

Publication  
**EP 0743450 A1 19961120 (DE)**

Application  
**EP 96107532 A 19960511**

Priority  
DE 19518198 A 19950518

Abstract (en)  
The pump has at least one piston (17) displaced within a radial bore (23) in a piston ring (1) via an eccentric (5). The centre axis (37) of the piston is offset from a straight line (39) through the piston intersecting the axis of rotation (33) of the eccentric. Pref. the latter straight line and the centre axis of the piston are parallel to one another, with a distance between them of between 0.4 and 0.7 times the eccentricity of the eccentric.

Abstract (de)  
Es wird eine Radialkolbenpumpe mit wenigstens einem in einem Kolbenring (1) in einer Bohrung (23) bewegten Kolben (17) vorgeschlagen, die sich dadurch auszeichnet, daß die Mittelachse (37) des Kolbens (17) gegenüber einer gedachten, die Drehachse (33) des Exzenters (5) schneidenden Linie (39) versetzt ist. <IMAGE>

IPC 1-7  
**F04B 9/04**; **F04B 1/053**

IPC 8 full level  
**F04B 1/04** (2006.01); **F04B 1/047** (2006.01); **F04B 1/053** (2006.01); **F04B 9/04** (2006.01); **F04B 27/04** (2006.01)

CPC (source: EP)  
**F04B 1/0404** (2013.01); **F04B 1/0535** (2013.01); **F04B 9/045** (2013.01)

Citation (search report)  
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Designated contracting state (EPC)  
DE FR GB IT

DOCDB simple family (publication)  
**EP 0743450 A1 19961120**; DE 19518198 A1 19961121; JP H094559 A 19970107

DOCDB simple family (application)  
**EP 96107532 A 19960511**; DE 19518198 A 19950518; JP 12333496 A 19960517