

Title (en)

WOBBLE PLATE OF AN AXIAL-TYPE PISTON PUMP

Publication

EP 0040161 B1 19841114 (FR)

Application

EP 81400765 A 19810513

Priority

- FR 8010916 A 19800514
- FR 8106018 A 19810325

Abstract (en)

[origin: EP0040161A1] 1. Reciprocating piston pump of the type incorporating a fixed barrel piston-chamber 1 comprising a plurality of parallel pistons 2 whose axes 2a are regularly distributed over a cylinder and which are maintained in abutment by their end 2d outside the barrel on a plate 4 capable of being inclined about a shaft 5 perpendicular to the axis 1a of said cylinder, characterized in that the plate 4 may rotate about the axis of said cylinder and the surface portion 7 of the plate 4 on which said ends 2d of the pistons bear possesses in a plane passing through the axis of said cylinder 1a and perpendicular to said pivot shaft 5 of the plate 4 a circular projection 7a centered on the axis 5a of the pivot shaft 5 and forming a stop for said ends of the pistons.

IPC 1-7

F04B 1/28

IPC 8 full level

F04B 1/29 (2006.01)

CPC (source: EP)

F04B 1/295 (2013.01)

Cited by

DE10307507B4; CN107939626A; FR2836185A1; US7048512B2; EP0709572A1

Designated contracting state (EPC)

AT BE CH DE FR GB LI LU NL SE

DOCDB simple family (publication)

EP 0040161 A1 19811118; EP 0040161 B1 19841114; DE 3167159 D1 19841220; IT 1142504 B 19861008; IT 8148454 A0 19810513

DOCDB simple family (application)

EP 81400765 A 19810513; DE 3167159 T 19810513; IT 4845481 A 19810513