

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)

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DOCDB simple family (publication)

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