

Title (en)

PISTON AND BARREL ROTARY MACHINE WITH A FIXED CENTRAL SWIVEL MEMBER

Publication

EP 0225834 B1 19890927 (FR)

Application

EP 86420172 A 19860626

Priority

FR 8515604 A 19851014

Abstract (en)

[origin: US4815327A] The invention relates to a pump with a barrel and an oscillating plate having a fixed central pivot. The pivot is solidary with two half-shafts which may be axially prestressed. The invention creates a balanced floating thrust bearing for the pivot bearing.

IPC 1-7

F04B 1/14; F04B 1/28

IPC 8 full level

F01B 3/02 (2006.01); **F04B 1/14** (2006.01); **F04B 1/29** (2006.01)

CPC (source: EP US)

F01B 3/02 (2013.01 - EP US); **F04B 1/148** (2013.01 - EP US); **F04B 1/295** (2013.01 - EP US); **Y10T 74/1692** (2015.01 - EP US);
Y10T 74/18336 (2015.01 - EP US)

Cited by

US6202606B1; WO9851905A1

Designated contracting state (EPC)

CH DE GB IT LI SE

DOCDB simple family (publication)

FR 2588617 A1 19870417; FR 2588617 B1 19891124; CA 1307163 C 19920908; DE 3665905 D1 19891102; DK 165063 B 19921005;
DK 165063 C 19930215; DK 486286 A 19870415; DK 486286 D0 19861010; EP 0225834 A1 19870616; EP 0225834 B1 19890927;
NO 165508 B 19901112; NO 165508 C 19910220; NO 864069 D0 19861013; NO 864069 L 19870415; SU 1514246 A3 19891007;
US 4815327 A 19890328

DOCDB simple family (application)

FR 8515604 A 19851014; CA 520416 A 19861014; DE 3665905 T 19860626; DK 486286 A 19861010; EP 86420172 A 19860626;
NO 864069 A 19861013; SU 4028435 A 19861011; US 91846686 A 19861014