

Title (en)
SWASH-PLATE MECHANISM

Publication
EP 0069605 B1 19840829 (FR)

Application
EP 82400975 A 19820526

Priority
FR 8110602 A 19810527

Abstract (en)
[origin: EP0069605A1] 1. Barrel mechanism comprising, inside a casing (1), a drive member (4) mounted pivotally on at least one fixed bearing (31, 32) defining an axis (10) about which the drive member (4) is driven rotationally, a barrel (5) rotationally fixed and mounted pivotally on the drive member (4) about an axis (50) inclined relative to the axis of rotation (10) and convergent with the latter, a first axial thrust bearing (52) interposed between the barrel (5) and an oblique plate (40) disposed on the drive member (4) perpendicularly to the axis (50) of the barrel, and a second axial thrust bearing (44) interposed between a straight plate (45) disposed on the drive member (4) perpendicularly to the axis of rotation (10) and a fixed plate (33) which, through the medium of the two axial thrust bearings (44, 52), takes up the forces parallel to the axis of rotation (10) which are applied to the barrel (5), characterised by the fact that the fixed plate (33) is disposed at one end of a central column forming a spindle (3) defining the pivot axis of the drive member (4), while at the other end of the said central column is supported a means (6) for the elastic clamping of the drive member (4) against the fixed plate (33), the casing (1) being provided with detachable means for fastening the spindle (3), the latter forming with the drive member (4) and the barrel (5) a compact assembly adapted to be installed in and removed from the interior of the casing (1) as a unit.

IPC 1-7
F04B 1/14

IPC 8 full level
F04B 1/14 (2006.01)

CPC (source: EP)
F04B 1/148 (2013.01)

Designated contracting state (EPC)
AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)
EP 0069605 A1 19830112; EP 0069605 B1 19840829; AT E9175 T1 19840915; CA 1203711 A 19860429; DE 3260625 D1 19841004; DK 151491 B 19871207; DK 151491 C 19880808; DK 235782 A 19821128; ES 511958 A0 19830216; ES 8304271 A1 19830216; FR 2506857 A1 19821203; FR 2506857 B1 19850524; JP H0125896 B2 19890519; JP S57200678 A 19821208; NO 158433 B 19880530; NO 158433 C 19880907; NO 821441 L 19821129; SU 1259966 A3 19860923

DOCDB simple family (application)
EP 82400975 A 19820526; AT 82400975 T 19820526; CA 401694 A 19820426; DE 3260625 T 19820526; DK 235782 A 19820525; ES 511958 A 19820506; FR 8110602 A 19810527; JP 9047782 A 19820527; NO 821441 A 19820430; SU 3440264 A 19820521