

Title (en)

APPARATUS FOR HYDROSTATIC COMPENSATION OF HYDRAULIC PUMPS AND MOTORS OF GEAR-TYPE

Publication

EP 0123579 B1 19860910 (FR)

Application

EP 84400565 A 19840320

Priority

FR 8304650 A 19830322

Abstract (en)

[origin: US4527966A] An apparatus for an hydrostatic compensation of hydraulic pumps and motors of gear type in which two intermeshing gears are mounted on shafts which are supported by bearings or journal-bearings which can slide within the cavity of a pump or a motor housing closed on both lateral sides by covers. Compensation chambers between the bearings and the covers are delimited by grooves respectively provided in the faces facing bearings and covers. A part of one side of the grooves provided in the bearings is in alignment with one of the grooves provided in the corresponding cover. Deformable tightness seals are arranged in said grooves.

IPC 1-7

F04C 15/00; **F04C 2/18**

IPC 8 full level

F04C 2/00 (2006.01); **F04C 2/14** (2006.01); **F04C 2/18** (2006.01); **F04C 15/00** (2006.01)

CPC (source: EP KR US)

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Citation (examination)

US 3578887 A 19710518 - TUROLLA MARCO

Cited by

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US 4527966 A 19850709; AR 230757 A1 19840629; AT E22161 T1 19860915; AU 2593684 A 19840927; BR 8401311 A 19841030; CA 1221876 A 19870519; CS 207284 A2 19870312; CS 252815 B2 19871015; DD 216768 A5 19841219; DE 123579 T1 19850425; DE 3460661 D1 19861016; DK 160084 A 19840923; DK 160084 D0 19840320; EP 0123579 A1 19841031; EP 0123579 B1 19860910; ES 530833 A0 19841101; ES 8500394 A1 19841101; FR 2543229 A1 19840928; FR 2543229 B1 19850816; HU T39840 A 19861029; IL 71306 A0 19840629; IN 160317 B 19870704; JP S6011691 A 19850121; KR 840008035 A 19841212; KR 860000960 B1 19860723; NO 841123 L 19840924; NZ 207553 A 19860711; RO 92213 A 19870730; RO 92213 B 19870731

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