

Title (en)
FLUID PRESSURE ENERGY TRANSLATING DEVICE

Publication
EP 0095686 A3 19840111 (EN)

Application
EP 83105051 A 19830521

Priority
US 38372382 A 19820601

Abstract (en)
[origin: EP0095686A2] A fluid pressure energy translating device comprising a housing, a rotating group rotatably mounted for rotation within the housing. The housing includes a valving face (16a) engaged by the rotating group. The housing has portions (22) spaced from the valving face (16a) which are undercut to define grooves (20) so that portions of said valving face can move axially with respect to the rotary group to compensate for mechanical, fluid dynamic and thermal effects imposed by the fluid displacement and pressure.

IPC 1-7
F01C 21/10

IPC 8 full level
F01C 21/10 (2006.01); **F03C 2/08** (2006.01); **F04C 15/00** (2006.01)

CPC (source: EP)
F01C 21/104 (2013.01); **F04C 15/0023** (2013.01)

Citation (search report)

- [A] US 4008002 A 19770215 - NIEMIEC ALBIN J, et al
- [A] DE 1031134 B 19580529 - SUEDEDEUTSCHE BREMSEN A G
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- [A] FR 2372976 A1 19780630 - CHANDLER EVANS INC [US]
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Designated contracting state (EPC)
BE CH DE FR GB IT LI SE

DOCDB simple family (publication)
EP 0095686 A2 19831207; EP 0095686 A3 19840111; JP S58220986 A 19831222

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