

Title (en)
FLUID VANE ACTUATOR WITHOUT INTERNAL SEALINGS

Publication
EP 0283380 A3 19890927 (FR)

Application
EP 88400535 A 19880308

Priority
FR 8703745 A 19870318

Abstract (en)
[origin: EP0283380A2] The invention relates to a fluid-operated rotary-vane device (actuator or pump), comprising a casing (3) traversed by a rotary shaft (1). A double vane (6, 6'), capable of rotating with the shaft, and two fixed partitions (5, 5') determine inside the casing two chambers (4a1, 2, 4b1, 2) of a complementarily variable volume. The vane is formed by a parallelepipedal bar attached to the shaft (1), which shaft is entirely cylindrical. The partitions (5, 5') are integral with a cover plate belonging to the casing. A very low level of inter-chamber leakage is maintained without an internal seal. <IMAGE>

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F15B 15/12

IPC 8 full level
F15B 15/12 (2006.01)

CPC (source: EP)
F15B 15/12 (2013.01)

Citation (search report)
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• [A] EP 0065588 A1 19821201 - TORQUER CO LTD [JP]
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ITBO20090194A1; FR2754021A1; EP3816456A4; EP0580319A1; EP0957270A3; WO2020003853A1

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EP 0283380 A2 19880921; EP 0283380 A3 19890927; EP 0283380 B1 19911016; AT E68567 T1 19911115; DE 3865470 D1 19911121; DK 150188 A 19880919; DK 150188 D0 19880318; DK 165706 B 19930104; DK 165706 C 19930524; ES 2026665 T3 19920501; FR 2612572 A1 19880923; FR 2612572 B1 19910412; IE 60733 B1 19940810; IE 880639 L 19880918; NO 171872 B 19930201; NO 171872 C 19930512; NO 881181 D0 19880317; NO 881181 L 19880919; PT 86953 A 19890330; PT 86953 B 19950301

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