

Title (en)
ROTARY ACTUATOR

Publication
EP 0169511 B1 19880921 (EN)

Application
EP 85109061 A 19850719

Priority
US 63271984 A 19840720

Abstract (en)
[origin: EP0169511A1] A rotary actuator includes a housing (10, 12) defining an opening, an output shaft (15) extending through the opening, a stator vane (45) and rotor vane (42) associated with the output shaft (15) and opening to define a plurality of actuation chambers (54...57) and an inner surface of the housing (10,12) extending inwardly past a shoulder portion of the output shaft (15) to seal directly against the shaft (15).

IPC 1-7
F15B 15/12

IPC 8 full level
F15B 15/12 (2006.01)

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

Cited by
CN108561366A; ITBS20100050A1; CN100458250C; CN107246423A; US5002753A; EP0715084A1; FR2727477A1; US5722616A

Designated contracting state (EPC)
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EP 0169511 A1 19860129; EP 0169511 B1 19880921; AT E37429 T1 19881015; CA 1259536 A 19890919; DE 3565157 D1 19881027; JP S61105303 A 19860523

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EP 85109061 A 19850719; AT 85109061 T 19850719; CA 487121 A 19850719; DE 3565157 T 19850719; JP 16104085 A 19850720