

Title (en)
INTERNAL-AXIS ROTARY PISTON MACHINE

Publication
EP 0218806 B1 19900117 (DE)

Application
EP 86109613 A 19860714

Priority
CH 374285 A 19850831

Abstract (en)
[origin: ES2001514A6] For an improved sealing at the sealing gaps of a single-rotation machine having internal axes and accompanied by minimum frictionally losses, the width of the sealing gaps is made to differ in such a way that the narrower sealing gaps occur on the radially outer circumferential surfaces of the internal rotor facing the engagement parts of the external rotor. The comparatively wider sealing gaps occur on the transition surfaces between radially inner circumferential surfaces and radially outer circumferential surfaces of the internal rotor.

IPC 1-7
F01C 1/10

IPC 8 full level
F01C 1/00 (2006.01); **F01C 1/08** (2006.01); **F01C 1/10** (2006.01)

CPC (source: EP KR US)
F01C 1/00 (2013.01 - KR); **F01C 1/084** (2013.01 - EP US); **F01C 1/103** (2013.01 - EP US)

Cited by
FR2720788A1; WO9533126A1

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EP 0218806 A1 19870422; EP 0218806 B1 19900117; AT E49626 T1 19900215; BR 8603853 A 19870324; CH 667492 A5 19881014; DE 3668345 D1 19900222; ES 2001514 A6 19880601; JP H079161 B2 19950201; JP S6291602 A 19870427; KR 870002355 A 19870331; KR 950003057 B1 19950330; MX 168262 B 19930514; US 4772191 A 19880920

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EP 86109613 A 19860714; AT 86109613 T 19860714; BR 8603853 A 19860813; CH 374285 A 19850831; DE 3668345 T 19860714; ES 8601103 A 19860814; JP 20022386 A 19860828; KR 860007194 A 19860829; MX 357186 A 19860827; US 90214586 A 19860829