

Title (en)
ROTATING PISTON MACHINE.

Title (de)
DREHKOLBENMASCHINE.

Title (fr)
MACHINE A PISTON ROTATIF.

Publication
EP 0561855 B1 19940810 (DE)

Application
EP 92900081 A 19911204

Priority
• DE 9016807 U 19901212
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Abstract (en)
[origin: US5326238A] PCT No. PCT/EP91/02317 Sec. 371 Date Aug. 5, 1993 Sec. 102(e) Date Aug. 5, 1993 PCT Filed Dec. 4, 1991 PCT Pub. No. WO92/10648 PCT Pub. Date Jun. 25, 1992. A shaft (5) is driven in the rotary piston machine. The torque is transmitted via first cam rings (7), connected to it, to rolling bodies (9) supported in cages and from these rolling bodies to second cam rings (8), which drive the rotation bodies (3) of the rotary piston machine. The cam rings (7, 8) and the rolling bodies (9) are, in this case, partially provided with bevel-wheel teeth and partially with cam track teeth (FIG. 3). The rotary piston machine can also be used as an engine and is characterised by a particularly high efficiency.

IPC 1-7
F01C 1/067

IPC 8 full level
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US 5326238 A 19940705; AT E109868 T1 19940815; AU 9025391 A 19920708; BR 9107160 A 19940322; CN 1042663 C 19990324; CN 1063141 A 19920729; DE 59102530 D1 19940915; DE 9016807 U1 19920409; DK 0561855 T3 19941205; EP 0561855 A1 19930929; EP 0561855 B1 19940810; JP 2915141 B2 19990705; JP H06503392 A 19940414; KR 930703524 A 19931130; WO 9210648 A1 19920625

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US 7482993 A 19930805; AT 92900081 T 19911204; AU 9025391 A 19911204; BR 9107160 A 19911204; CN 91112754 A 19911212; DE 59102530 T 19911204; DE 9016807 U 19901212; DK 92900081 T 19911204; EP 9102317 W 19911204; EP 92900081 A 19911204; JP 50035492 A 19911204; KR 930701753 A 19930611