

Title (en)
FLUID MOTOR WITH ROTARY MOVEMENT

Publication
EP 0391866 B1 19921119 (FR)

Application
EP 90830147 A 19900405

Priority
IT 939489 A 19890407

Abstract (en)
[origin: EP0391866A1] The pressure-driven motor has a main rotor (1) with pistons and connecting rods (3,4) working in one or more rings of cylinder. The protruding free ends of the rods pivot on an auxiliary rotor (6) turning on an axis eccentric to that of the main one. The rotors are coupled together, and air or fluid is delivered to the cylinders by a distributor. The main rotor is fixed to a driving shaft (2). The rotors are coupled by components giving instantaneous angular velocity and driving torque of the auxiliary one equal to those of the main one.

IPC 1-7
F01B 5/00; F01B 13/04

IPC 8 full level
F01B 5/00 (2006.01); **F01B 13/04** (2006.01)

CPC (source: EP)
F01B 5/003 (2013.01); **F01B 13/045** (2013.01)

Cited by
US7421986B2; US2010186707A1

Designated contracting state (EPC)
AT BE CH DE DK ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)
EP 0391866 A1 19901010; EP 0391866 B1 19921119; AT E82617 T1 19921215; DE 69000473 D1 19921224; DE 69000473 T2 19930506; DK 0391866 T3 19930329; ES 2037546 T3 19930616; GR 3006901 T3 19930630; IT 1233499 B 19920402; IT 8909394 A0 19890407

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EP 90830147 A 19900405; AT 90830147 T 19900405; DE 69000473 T 19900405; DK 90830147 T 19900405; ES 90830147 T 19900405; GR 920403192 T 19930128; IT 939489 A 19890407