

Title (en)

AXIAL PISTON MACHINE, IN PARTICULAR AN AXIAL PISTON PUMP OR AN AXIAL PISTON MOTOR

Title (de)

AXIALKOLBENMASCHINE, INSBESONDERE FÜR EINE AXIALKOLBENPUMPE ODER EINEN AXIALKOLBENMOTOR

Title (fr)

MACHINE A PISTONS AXIAUX, NOTAMMENT POMPE OU MOTEUR A PISTONS AXIAUX

Publication

EP 0705380 B1 20000426 (EN)

Application

EP 93917765 A 19930806

Priority

- CH 256692 A 19920806
- EP 9302106 W 19930806

Abstract (en)

[origin: WO9403708A1] An axial piston machine of the axial piston pump or motor type, having a first subassembly (1), including a plurality of circumferentially spaced cylinder-piston units (2) around a central axis (3), a second subassembly (29) rotatable in relation to the first subassembly in a force-transmitting manner with the cylinder-piston units in a coupling plane (30) at a predetermined angle to the central axis, wherein one of these subassemblies is rotatably arranged within a housing (10) and coupled with rotational drive means, with the driving subassembly including two spaced first bearings (33, 34) that act at least substantially in a radial direction and a swivel-joint type second bearing (35) having a pivot center (36) located at about the mid point of the center-to-center distance between the two first bearings, with this type of construction being applicable to swash-plate, skew-plate and skew-drum type machines.

IPC 1-7

F01B 3/02; **F01B 3/00**; **F02B 75/26**

IPC 8 full level

F01B 3/00 (2006.01); **F01B 3/02** (2006.01); **F02B 75/26** (2006.01); **F04B 1/20** (2006.01); **F04B 1/22** (2006.01)

CPC (source: EP KR)

F01B 3/00 (2013.01 - KR); **F01B 3/0002** (2013.01 - EP); **F01B 3/02** (2013.01 - EP KR); **F02B 75/26** (2013.01 - EP); **F04B 1/2085** (2013.01 - EP)

Citation (examination)

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Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

WO 9403708 A1 19940217; AT E192214 T1 20000515; AU 4708393 A 19940303; AU 689076 B2 19980326; CA 2141812 A1 19940217; CN 1057584 C 20001018; CN 1104300 A 19950628; DE 69328499 D1 20000531; DE 69328499 T2 20001221; EP 0705380 A1 19960410; EP 0705380 B1 20000426; JP H08502797 A 19960326; KR 100316356 B1 20020228; KR 950703114 A 19950823; ZA 935640 B 19950808

DOCDB simple family (application)

EP 9302106 W 19930806; AT 93917765 T 19930806; AU 4708393 A 19930806; CA 2141812 A 19930806; CN 93109269 A 19930805; DE 69328499 T 19930806; EP 93917765 A 19930806; JP 50502894 A 19930806; KR 19950700427 A 19950206; ZA 935640 A 19930804