

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

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- 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

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CPC (source: EP KR)

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Citation (examination)

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