

Title (en)
Hydrostatic axial piston machine

Title (de)
Hydrostatische Axialkolbenmaschine

Title (fr)
Machine hydrostatique à pistons axiaux

Publication
EP 1174617 A3 20030507 (DE)

Application
EP 01117151 A 20010713

Priority
DE 10034857 A 20000718

Abstract (en)
[origin: EP1174617A2] The axial piston machine has a drum-shaped cylinder block (9) in a driving or driven shaft, with pistons (10) in borings in it, supported by spherical heads on a controllable-angle swashplate acting on a control body with reversing control regions. It has a boring which comes out in a reversing control region of the control body and which is connected by a line to the high pressure side.

IPC 1-7
F04B 1/20

IPC 8 full level
F03C 1/38 (2006.01); **F03C 1/40** (2006.01); **F04B 1/20** (2006.01)

CPC (source: EP US)
F04B 1/2042 (2013.01 - EP US)

Citation (search report)
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AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

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EP 1174617 A2 20020123; EP 1174617 A3 20030507; EP 1174617 B1 20041110; DE 10034857 A1 20020131; DE 50104460 D1 20041216; JP 2002070716 A 20020308; US 2002108489 A1 20020815; US 6736048 B2 20040518

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