

Title (en)
AXIAL PISTON MOTOR

Title (de)
AXIALKOLBENMASCHINE

Title (fr)
MOTEUR A PISTONS AXIAUX

Publication
EP 1058771 A1 20001213 (DE)

Application
EP 99903848 A 19990222

Priority
• DE 19807443 A 19980224
• IB 9900319 W 19990222

Abstract (en)
[origin: DE19807443A1] The adjustment device (10) has a control unit (14) working in co-operation with the adjusting cylinder (24), the swash plate (12), and the spring system (28,29). The angle of inclination of the swash plate (12) is automatically adjusted to the actual performance of the drive (14), avoiding a reduction in output and efficiency when pressure acts on the adjusting cylinder (24). An auxiliary piston (34) in the shape of an open case, carrying the spring system (28,29), facilitates even more precise adjustment.

IPC 1-7
F01B 3/10; **F04B 1/32**

IPC 8 full level
F01B 3/10 (2006.01); **F04B 1/32** (2006.01)

CPC (source: EP KR US)
F01B 3/10 (2013.01 - KR); **F01B 3/106** (2013.01 - EP US); **F04B 1/324** (2013.01 - EP US)

Citation (search report)
See references of WO 9943925A1

Designated contracting state (EPC)
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