

Title (en)
Axial piston machine

Title (de)
Axialkolbenmaschine

Title (fr)
Machine à pistons axiaux

Publication
EP 1008748 B1 20050209 (DE)

Application
EP 99124139 A 19991202

Priority
DE 19857366 A 19981211

Abstract (en)
[origin: EP1008748A2] The axial reciprocating motor has a control disk (19) at the cylinder drum which is moved to swing on a lateral plane (E), with a curved surface. At least one holder section (32) is at the mounting wall (22) with a shoulder surface (33) in a curvature parallel to the mounting sliding surface (21). It extends into the angular range which includes the center axis (7a) of the control disk (19) in the outwards and inwards swung positions.

IPC 1-7
F04B 1/20; **F04B 1/32**

IPC 8 full level
F04B 1/20 (2006.01); **F04B 1/32** (2006.01)

CPC (source: EP)
F04B 1/2042 (2013.01); **F04B 1/2071** (2013.01); **F04B 1/328** (2013.01)

Cited by
DE102018214165A1; DE102018213385A1; US7594802B2; US7363849B2; US11105320B2; WO2005106245A1; WO2004109107A1; WO2012150069A1

Designated contracting state (EPC)
DE FR GB IT SE

DOCDB simple family (publication)
EP 1008748 A2 20000614; **EP 1008748 A3 20001220**; **EP 1008748 B1 20050209**; DE 19857366 A1 20000629; DE 19857366 C2 20001019; DE 59911593 D1 20050317

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