

Title (en)

Axial piston machine with support part

Title (de)

Axialkolbenmaschine mit Stützteil

Title (fr)

Machine à pistons axiaux avec support

Publication

EP 0928895 B1 20040714 (DE)

Application

EP 99100023 A 19990104

Priority

DE 19800631 A 19980109

Abstract (en)

[origin: EP0928895A2] The pistons (7) support via slide shoes (8) on a pivot disc (11) pivotable around a pivot axis (14). A drawback device (15) is provided on which the slide shoes support during the drawback movement of the pistons and which has a distance from the pivot axis. At least one support part (31) on the housing (2) is for support of the drawback device. The support part in the area of the pivot axis of the pivot disc is arranged at least on the side of the axial piston machine (1) on which the pistons execute a suction stroke. The support part has a stop (36) spaced from the drawback device. The axial distance between the drawback device and the stop is independent of the pivot angle of the pivot disc.

IPC 1-7

F04B 1/12; F01B 3/00; F04B 1/20; F04B 1/30

IPC 8 full level

F01B 3/00 (2006.01); **F04B 1/12** (2006.01); **F04B 1/20** (2006.01); **F04B 1/30** (2006.01)

CPC (source: EP)

F04B 1/126 (2013.01)

Cited by

EP1526279A1; US6880450B2; WO2009003922A1; WO0208603A1

Designated contracting state (EPC)

DE FR GB IT SE

DOCDB simple family (publication)

EP 0928895 A2 19990714; **EP 0928895 A3 20010328**; **EP 0928895 B1 20040714**; DE 19800631 A1 19990715; DE 59909922 D1 20040819

DOCDB simple family (application)

EP 99100023 A 19990104; DE 19800631 A 19980109; DE 59909922 T 19990104