

Title (en)

AXIAL PISTON MACHINE, SWASH-PLATE AND METHOD FOR PRODUCING A SWASH-PLATE

Title (de)

AXIALKOLBENMASCHINE, R CKZUGPLATTE UND VERFAHREN ZUM HERSTEL LEN EINER R CKZUGPLATTE

Title (fr)

MOTEUR A PISTONS AXIAUX, PLATEAU OSCILLANT ET PROCEDE DE FABRICATION D'UN PLATEAU OSCILLANT

Publication

**EP 1561031 A1 20050810 (DE)**

Application

**EP 03776894 A 20031110**

Priority

- DE 10253379 A 20021115
- DE 10300070 A 20030103
- EP 0312526 W 20031110

Abstract (en)

[origin: WO2004046548A1] The invention relates to an axial piston machine, in addition to a swash-plate for said machine and a method for producing a swash-plate. The swash-plate (24) is configured as a disc and has a central bore (32), which is encompassed by a collar (39), extending in an axial direction from a first surface (34, 34') of the swash-plate (24). In addition, the swash-plate (24) has several sliding block receiving openings (36), each of the latter (36) being encompassed by a guide collar (38), which extends in an axial direction from a second surface of the swash-plate (24), in the opposite direction to the collar (39) of the central bore (32).

IPC 1-7

**F04B 1/20**

IPC 8 full level

**F04B 1/12** (2006.01)

CPC (source: EP)

**F04B 1/126** (2013.01)

Citation (search report)

See references of WO 2004046548A1

Cited by

DE102010015073A1; WO2011128010A1; WO2014206713A1

Designated contracting state (EPC)

DE FR GB IT SE

DOCDB simple family (publication)

**WO 2004046548 A1 20040603**; DE 50302486 D1 20060427; EP 1561031 A1 20050810; EP 1561031 B1 20060222

DOCDB simple family (application)

**EP 0312526 W 20031110**; DE 50302486 T 20031110; EP 03776894 A 20031110