

Title (en)
AXIAL PISTON ENGINE

Title (de)
AXIALE KOLBENMASCHINE

Title (fr)
MACHINE A PISTON AXIAUX

Publication
EP 1573200 A1 20050914 (DE)

Application
EP 03782132 A 20031205

Priority
• DE 0304013 W 20031205
• DE 10259311 A 20021218

Abstract (en)
[origin: WO2004055369A1] The invention relates to an axial piston engine comprising at least one swash plate and one cylinder barrel, which is supported thereon and which has a multitude of cylinder sleeves. A row of pistons is assigned to said cylinder sleeves and is connected to a shaft. According to the invention, the cylinder sleeves are mounted in an articulated manner inside the cylinder barrel.

IPC 1-7
F04B 1/22; F04B 1/24; F04B 1/20

IPC 8 full level
F01B 3/00 (2006.01); **F04B 1/20** (2006.01); **F04B 1/22** (2006.01); **F04B 1/24** (2006.01)

CPC (source: EP US)
F01B 3/0035 (2013.01 - EP US); **F01B 3/0038** (2013.01 - EP US); **F04B 1/2035** (2013.01 - EP US); **F04B 1/22** (2013.01 - EP US);
F04B 1/24 (2013.01 - EP US)

Citation (search report)
See references of WO 2004055369A1

Cited by
DE102010048553A1; DE102010052561A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2004055369 A1 20040701; AT E354729 T1 20070315; DE 10393875 D2 20050818; DE 50306608 D1 20070405; EP 1573200 A1 20050914;
EP 1573200 B1 20070221; US 2006120881 A1 20060608; US 7470116 B2 20081230

DOCDB simple family (application)
DE 0304013 W 20031205; AT 03782132 T 20031205; DE 10393875 T 20031205; DE 50306608 T 20031205; EP 03782132 A 20031205;
US 54011305 A 20050823