

Title (en)  
AXIAL PISTON MACHINE

Title (de)  
AXIALKOLBENMOTOR

Title (fr)  
MACHINE À PISTON AXIAL

Publication  
**EP 2598749 B1 20200108 (EN)**

Application  
**EP 11746648 A 20110721**

Priority  
• IT MO20100215 A 20100726  
• IB 2011053249 W 20110721

Abstract (en)  
[origin: WO2012014128A1] In an axial piston machine with variable displacement with tilted cylinder block, a distributor is coupled with the cylinder block, and a magnetostrictive position sensor has a magnet that is integral with the distributor and a sensor rod that is integral with a fixed body with which the distributor is coupled with the possibility of varying the tilt thereof. The sensor emits a signal that indicates the angular position of the distributor with respect to the fixed body to determine the actual displacement of the machine.

IPC 8 full level  
**F03C 1/40** (2006.01); **F03C 1/06** (2006.01); **F04B 1/20** (2006.01); **F04B 1/24** (2006.01)

CPC (source: EP)  
**F03C 1/0668** (2013.01); **F03C 1/0686** (2013.01); **F03C 1/0694** (2013.01); **F04B 1/20** (2013.01); **F04B 1/24** (2013.01); **F04B 2201/1204** (2013.01); **F04B 2201/12041** (2013.01); **F04B 2201/1205** (2013.01); **F04B 2201/12051** (2013.01)

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)  
**WO 2012014128 A1 20120202**; CN 103026055 A 20130403; CN 103026055 B 20160127; EP 2598749 A1 20130605; EP 2598749 B1 20200108; IT 1401174 B1 20130712; IT MO20100215 A1 20120127

DOCDB simple family (application)  
**IB 2011053249 W 20110721**; CN 201180036426 A 20110721; EP 11746648 A 20110721; IT MO20100215 A 20100726