

Title (en)

Radial piston hydraulic machine and wind turbine generator

Title (de)

Radialkolbenhydraulikmaschine und Windturbinengenerator

Title (fr)

Machine hydraulique à pistons radiaux et générateur de turbine éolienne

Publication

**EP 2781744 A3 20141029 (EN)**

Application

**EP 14160384 A 20140317**

Priority

- JP 2013055062 A 20130318
- JP 2013267219 A 20131225

Abstract (en)

[origin: EP2781744A2] It is intended to suppress generation of a skew phenomenon of a roller in a radial piston hydraulic machine. The radial piston hydraulic machine is provided with a plurality of pistons, at least one roller, a cylinder block including a plurality of cylinders configured to guide the plurality of pistons reciprocally along a radial direction, respectively, and a cam configured to contact each of the at least one roller. Each roller is provided for n pistons that are arranged along an axial direction of the hydraulic machine to share, n being an integer not less than two.

IPC 8 full level

**F04B 1/04** (2006.01); **F03C 1/047** (2006.01); **F03C 1/30** (2006.01); **F04B 1/053** (2006.01)

CPC (source: EP)

**F03C 1/0412** (2013.01); **F03C 1/0476** (2013.01); **F04B 1/0417** (2013.01); **F04B 1/0538** (2013.01)

Citation (search report)

- [XYI] GB 1085338 A 19670927 - CESSNA AIRCRAFT CO
- [YD] US 2010040470 A1 20100218 - NIES JACOB JOHANNES [NL], et al

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**EP 2781744 A2 20140924; EP 2781744 A3 20141029**

DOCDB simple family (application)

**EP 14160384 A 20140317**