

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)

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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