

Title (en)
VANE-TYPE FLUID TRANSMISSION APPARATUS

Title (de)
SCHAUFELARTIGE FLUIDÜBERTRAGUNGSVORRICHTUNG

Title (fr)
APPAREIL DE TRANSMISSION À FLUIDE DU TYPE À ORGANE OBTURATEUR

Publication
EP 2886795 B1 20180613 (EN)

Application
EP 12880245 A 20120629

Priority
CN 2012000893 W 20120629

Abstract (en)
[origin: EP2886795A1] A vane-type fluid transmission apparatus includes a rotor eccentrically located in the room of a stator and the outer periphery of the rotor is tangent to the inner periphery of the room. At least one blade is pivotably connected to stator and movably inserted in at least one slot of the rotor. The distal end of the at least one blade is in contact with the inner periphery of the room so as to form a space for receiving fluid between the outer periphery of the rotor and the inner periphery of the room. The contact between the at least one blade and the inner periphery of the room increases the efficiency for transmitting fluid which enters into the stator from an inlet and leaves from the stator from an outlet.

IPC 8 full level
F01C 1/344 (2006.01); **F01C 21/08** (2006.01); **F04C 2/344** (2006.01)

CPC (source: EP KR)
F01C 1/344 (2013.01 - KR); **F01C 21/0836** (2013.01 - EP); **F04C 2/165** (2013.01 - KR); **F04C 2/3441** (2013.01 - KR); **F04C 2/3442** (2013.01 - EP); **F04C 29/02** (2013.01 - KR)

Cited by
ITUB20159158A1; WO2017109606A1

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

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EP 2886795 A1 20150624; **EP 2886795 A4 20160420**; **EP 2886795 B1 20180613**; AP 2014008124 A0 20141231; AU 2012384311 A1 20150122; AU 2012384311 B2 20160728; CA 2876680 A1 20140103; CA 2876680 C 20180227; CN 103717837 A 20140409; CN 103717837 B 20160106; IN 2474MUN2014 A 20150710; JP 2015520323 A 20150716; JP 6014757 B2 20161025; KR 101658302 B1 20160922; KR 20150011004 A 20150129; MX 2014015773 A 20150312; MY 188683 A 20211222; PH 12014502737 A1 20150202; PH 12014502737 B1 20150202; WO 2014000126 A1 20140103; ZA 201409030 B 20151028

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