

Title (en)

ROTARY MACHINE

Title (de)

ROTATIONSMASCHINE

Title (fr)

MACHINE ROTATIVE

Publication

EP 2999852 B1 20180314 (EN)

Application

EP 14701819 A 20140107

Priority

- GB 201321080 A 20131129
- GB 2014050035 W 20140107

Abstract (en)

[origin: CA2890480A1] A rotary fluid machine has an inner rotor (1) and an outer shell (3) held by a stationary support structure, arranged so that sealing points (5) on the inside of the shell (3) interact in a sealing arrangement with the outer surface of the rotor (1) to define working chambers, such that in use the relative motion of the rotor (1) to the shell (3) causes fluid to be moved through ducts (10;11;13) in the rotor (1) and rotor shaft (9), between the working chambers and a point where the rotor shaft (9) interacts with the support structure.

IPC 8 full level

F01C 1/10 (2006.01)

CPC (source: EP)

F01C 1/103 (2013.01); **F01C 1/104** (2013.01); **F04C 2240/603** (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)

CA 2890480 A1 20140605; CA 2890480 C 20200407; CN 105164373 A 20151216; CN 105164373 B 20171128; EP 2999852 A1 20160330;
EP 2999852 B1 20180314; ES 2673397 T3 20180621; JP 2016503136 A 20160201; PL 2999852 T3 20180928

DOCDB simple family (application)

CA 2890480 A 20140107; CN 201480003121 A 20140107; EP 14701819 A 20140107; ES 14701819 T 20140107; JP 2015544543 A 20140107;
PL 14701819 T 20140107