

Title (en)

ROTARY PUMP, SYSTEM COMPRISING THE PUMP AND OPERATING METHOD OF THE PUMP

Title (de)

ROTATIONSPUMPE, SYSTEM MIT DER PUMPE UND ZUGEHÖRIGES BETRIEBSVERFAHREN

Title (fr)

POMPE ROTATIVE, SYSTÈME COMPRENANT LA POMPE ET PROCÉDÉ DE FONCTIONNEMENT CORRESPONDANT

Publication

EP 2995818 B1 20180314 (EN)

Application

EP 15185278 A 20150915

Priority

IT TO20140722 A 20140915

Abstract (en)

[origin: EP2995818A1] A rotary pump applicable to an internal combustion engine, comprising a pump body (20), a rotor (11) arranged to rotate inside the body, at least one vane (12) applied to the rotor (11) and arranged to suck a fluid from at least one suction port (14) and to let out the fluid through at least one outlet device (41). The pump comprises a heating device located near the outlet device (41) and arranged to heat, in use, the outlet device (41) for limited time periods. The invention also concerns a system comprising the pump and a method of controlling the system comprising the pump.

IPC 8 full level

F04C 29/04 (2006.01); **F04C 18/344** (2006.01); **F04C 25/02** (2006.01)

CPC (source: EP)

F04C 18/344 (2013.01); **F04C 29/04** (2013.01); **F04C 25/02** (2013.01); **F04C 2270/701** (2013.01)

Cited by

CN107355367A; DE102016217418A1; WO2018050545A1

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)

EP 2995818 A1 20160316; EP 2995818 B1 20180314

DOCDB simple family (application)

EP 15185278 A 20150915