

Title (en)

ASSEMBLY FOR AN AIR CIRCUIT OF A HEAT ENGINE

Title (de)

ANORDNUNG FÜR DEN LUFTKREISLAUF EINER WÄRMEKRAFTMASCHINE

Title (fr)

ENSEMBLE POUR UN CIRCUIT D'AIR DE MOTEUR THERMIQUE

Publication

EP 3186496 B1 20190102 (FR)

Application

EP 15763053 A 20150826

Priority

- FR 1458037 A 20140828
- FR 2015052268 W 20150826

Abstract (en)

[origin: WO2016030628A1] The invention relates to a fluid assembly (1) comprising: a first pipe (11), a second pipe (12) forming a bypass of a portion of the first pipe (11), comprising a compressor (15), and a switching system (10) for switching the fluid into either the second pipe (12) or said portion, having a first configuration allowing the fluid to circulate in the portion, and comprising a supporting member exerting a torque configured to keep the system (10) in the first configuration, and at least one area blocking the inlet or the outlet of the second pipe when the system (10) is in the first configuration, the system (10) being able to enter a second configuration allowing the fluid to circulate in the second pipe (12), the supporting member being such that the torque that it exerts on the system (10) drops when the system (10) passes from the first configuration to the second configuration.

IPC 8 full level

F02B 39/10 (2006.01); **F02B 33/44** (2006.01)

CPC (source: CN EP US)

F02B 33/446 (2013.01 - CN EP US); **F02B 39/10** (2013.01 - EP US)

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)

WO 2016030628 A1 20160303; CN 107076011 A 20170818; EP 3186496 A1 20170705; EP 3186496 B1 20190102; FR 3025245 A1 20160304; FR 3025245 B1 20160916; US 10400665 B2 20190903; US 2017254258 A1 20170907

DOCDB simple family (application)

FR 2015052268 W 20150826; CN 201580058568 A 20150826; EP 15763053 A 20150826; FR 1458037 A 20140828; US 201515507565 A 20150826