

Title (en)
FLOW CONTROL

Title (de)
FLUSSSTEUERUNG

Title (fr)
RÉGULATION DE DÉBIT

Publication
EP 2310692 A1 20110420 (EN)

Application
EP 09772437 A 20090630

Priority
• EP 2009058181 W 20090630
• DE 102008030969 A 20080630

Abstract (en)
[origin: WO2010000737A1] The present invention relates to a device for controlling the flow through an oil cooler, comprising at least one oil tank (1) and at least one oil pump (7), a means (12) for determining the oil temperature, a cooling means (4) for cooling the oil, wherein said means (4) can be circumvented via a bypass (9), as well as an engine control unit (13). The device has a means (11), controllable via the engine control unit (13) by which the oil flow can be controlled via the means for cooling (4) and/or via the bypass (9). The device further comprises a means for predictively controlling the oil flow via the cooling means(4) and/or via the bypass (9).

IPC 8 full level
F15B 21/0423 (2019.01)

CPC (source: EP US)
F15B 21/0423 (2018.12 - EP US); **F15B 2211/40515** (2013.01 - EP); **F15B 2211/413** (2013.01 - EP); **F15B 2211/41581** (2013.01 - EP); **F15B 2211/426** (2013.01 - EP); **F15B 2211/62** (2013.01 - EP); **F15B 2211/6306** (2013.01 - EP); **F15B 2211/6343** (2013.01 - EP); **F15B 2211/6654** (2013.01 - EP)

Citation (search report)
See references of WO 2010000737A1

Cited by
CN105526155A

Designated contracting state (EPC)
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 SE SI SK TR

Designated extension state (EPC)
AL BA RS

DOCDB simple family (publication)
DE 102008030969 A1 20091231; EP 2310692 A1 20110420; EP 2310692 B1 20121024; US 2011132012 A1 20110609; WO 2010000737 A1 20100107

DOCDB simple family (application)
DE 102008030969 A 20080630; EP 09772437 A 20090630; EP 2009058181 W 20090630; US 200913001638 A 20090630