

Title (en)  
Ventilator regulation

Title (de)  
Lüfterregelung

Title (fr)  
Réglage de ventilateur

Publication  
**EP 2410150 A1 20120125 (DE)**

Application  
**EP 11004121 A 20110518**

Priority  
DE 102010031835 A 20100722

Abstract (en)  
The control circuit has a single hydraulic variable displacement pump (10) and a hydraulic motor (20) utilized for driving fans, where driving torque of the hydraulic motor is controlled by adjusting an absorption volume of the hydraulic motor. A speed of the fans is adjustable by the hydraulic motor, and the displacement pump is provided in the control circuit. A control of the driving torque and/or of the fan speed is steplessly varied between standstill of the fans and maximum fan speed, where the fans and/or the hydraulic motor are connected in parallel to each other.

Abstract (de)  
Die vorliegende Erfindung betrifft einen hydraulischen Lüfterregelkreislauf für eine Maschine, insbesondere für ein Kraftfahrzeug, eine Baumaschine bzw. ein Hebegerät, mit wenigstens einer Hydraulikpumpe und wenigstens einem Hydraulikmotor zum Antrieb wenigstens eines Lüfters, wobei das Hydraulikmotorantriebsmoment wenigstens eines Hydraulikmotors mittels Einstellung des Schluckvolumens steuerbar ist.

IPC 8 full level  
**F01P 7/04** (2006.01)

CPC (source: EP US)  
**F01P 7/044** (2013.01 - EP US)

Citation (search report)

- [X] US 4036432 A 19770719 - GEORGE ALBERT L
- [X] EP 1715193 A2 20061025 - VOLVO CONSTR EQUIP HOLDING SE [SE]
- [X] EP 1944483 A1 20080716 - HITACHI CONSTRUCTION MACHINERY [JP]
- [A] US 2001029907 A1 20011018 - ALGRAIN MARCELO C [US], et al

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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

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**EP 2410150 A1 20120125**; CN 202370877 U 20120808; DE 102010031835 A1 20120126; US 2012020811 A1 20120126

DOCDB simple family (application)  
**EP 11004121 A 20110518**; CN 201120261383 U 20110720; DE 102010031835 A 20100722; US 201113184117 A 20110715