

Title (en)

Lubricant system with capacity control valve

Title (de)

Schmiermittelsystem mit Ventil zum Steuern des Durchsatzes

Title (fr)

Système de lubrifiant à soupape de contrôle de capacité

Publication

EP 2573398 A3 20141008 (DE)

Application

EP 12184384 A 20120914

Priority

- DE 202011110011 U 20110923
- DE 102012213564 A 20120801

Abstract (en)

[origin: EP2573398A2] The lubricant system (1) has a pump (2) with variable capacity for conveying a lubricant flow, a lubricant reservoir (3), where a to-be-lubricated component (4), particularly an internal combustion engine or a gearbox is provided. An aperture (5) is provided for flow limitation of the lubricant flow, where the aperture is provided between the pump and the component. A regulating device (6) is formed for regulating the capacity of pump according to the pressure difference at the aperture.

IPC 8 full level

F04C 14/24 (2006.01); **F04C 2/344** (2006.01)

CPC (source: EP)

F04C 14/24 (2013.01); **F04C 2/32** (2013.01); **F04C 2/344** (2013.01); **F04C 2270/52** (2013.01); **F04C 2270/54** (2013.01); **F04C 2270/585** (2013.01)

Citation (search report)

- [I] DE 2461897 A1 19760708 - BOSCH GMBH ROBERT
- [I] DE 4313597 A1 19941027 - LINDE AG [DE]
- [I] JP S62248885 A 19871029 - NIPPON DENSO CO
- [I] WO 2010006705 A2 20100121 - IXETIC BAD HOMBURG GMBH [DE], et al

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)

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DOCDB simple family (application)

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