

Title (en)  
PRESSURE REGULATING ARRANGEMENT AND METHOD

Title (de)  
DRUCKREGULIERUNGSANORDNUNG UND -VERFAHREN

Title (fr)  
AGENCEMENT ET PROCÉDÉ DE RÉGULATION DE PRESSION

Publication  
**EP 3377737 A1 20180926 (EN)**

Application  
**EP 15802178 A 20151119**

Priority  
FI 2015050803 W 20151119

Abstract (en)  
[origin: WO2017085354A1] The pressure regulating arrangement for a lubricating system of a piston engine comprises a pressure regulating valve (16) for releasing pressure from a lubricating oil line (4), a first control valve (19), which is configured to open when a control pressure at the valve (19) exceeds a first predetermined limit value, and a second control valve (20), which is configured to open when a control pressure exceeds a second predetermined limit value, which is lower than the first predetermined limit value, wherein the opening of a control valve (19, 20) is configured to allow opening of the pressure regulating valve (16). The arrangement further comprises a control line (17) for transmitting control pressure from the lubricating oil line (4) to the first control valve (19) and an actively controllable valve (25) for opening and closing fluid communication between the control line (17) and the second control valve (20).

IPC 8 full level  
**F01M 1/16** (2006.01)

CPC (source: EP KR)  
**F01M 1/10** (2013.01 - KR); **F01M 1/16** (2013.01 - EP KR); **F01M 2001/1071** (2013.01 - KR)

Citation (search report)  
See references of WO 2017085354A1

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)  
**WO 2017085354 A1 20170526**; CN 108291462 A 20180717; CN 108291462 B 20200515; EP 3377737 A1 20180926; EP 3377737 B1 20210804; KR 102084873 B1 20200304; KR 20180084096 A 20180724

DOCDB simple family (application)  
**FI 2015050803 W 20151119**; CN 201580084595 A 20151119; EP 15802178 A 20151119; KR 20187016899 A 20151119