

Title (en)
METHOD OF LUBRICATING AN END-PIVOT FINGER FOLLOWER VALVE TRAIN LASH ADJUSTER

Title (de)
VERFAHREN ZUR SCHMIERUNG EINES ENDSCHWINGENDEN SCHLEPPHEBEL-VENTILTRIEB-SPIELAUSGLEICHSELEMENTS

Title (fr)
PROCÉDÉ DE LUBRIFICATION D'UN RÉGLEUR HYDRAULIQUE DE JEU DE DISPOSITIF DE COMMANDE DE SOUPAPES À LINGUETS EN PIVOT À L'EXTRÉMITÉ

Publication
EP 2882834 B1 20160120 (EN)

Application
EP 14752735 A 20140806

Priority
• US 201361863616 P 20130808
• US 2014049892 W 20140806

Abstract (en)
[origin: WO2015021119A1] The invention provides a method of lubricating an end-pivot finger follower valve train lash adjuster of a passenger car compression ignition internal combustion engine having a reference mass not exceeding 2610 kg comprising supplying to the internal combustion engine a lubricating composition comprising an oil of lubricating viscosity 0.01 wt % to 3 wt % of a dispersant viscosity modifier, and 0.01 wt % to 3 wt % of a zinc free sulphur-containing antiwear agent, wherein the lubricating composition has a sulphur-content of less than 5000 ppm, a phosphorus content of 1000 ppm or less, and a sulphated ash content of (typically 3000 to 12,000 ppm).

IPC 8 full level
C10M 161/00 (2006.01)

CPC (source: EP US)
C10M 101/02 (2013.01 - US); **C10M 129/10** (2013.01 - US); **C10M 129/50** (2013.01 - US); **C10M 133/04** (2013.01 - US); **C10M 133/44** (2013.01 - US); **C10M 135/10** (2013.01 - US); **C10M 135/18** (2013.01 - US); **C10M 137/10** (2013.01 - US); **C10M 159/12** (2013.01 - US); **C10M 161/00** (2013.01 - EP US); **C10M 169/045** (2013.01 - US); **C10M 2203/1025** (2013.01 - EP US); **C10M 2205/022** (2013.01 - EP US); **C10M 2207/023** (2013.01 - US); **C10M 2207/028** (2013.01 - EP US); **C10M 2215/02** (2013.01 - US); **C10M 2215/223** (2013.01 - US); **C10M 2215/28** (2013.01 - EP US); **C10M 2217/06** (2013.01 - EP US); **C10M 2219/022** (2013.01 - EP US); **C10M 2219/046** (2013.01 - EP US); **C10M 2219/068** (2013.01 - EP US); **C10M 2219/106** (2013.01 - EP US); **C10M 2223/043** (2013.01 - EP US); **C10M 2223/045** (2013.01 - EP US); **C10N 2010/04** (2013.01 - US); **C10N 2010/12** (2013.01 - US); **C10N 2020/04** (2013.01 - EP US); **C10N 2030/06** (2013.01 - EP US); **C10N 2030/40** (2020.05 - EP US); **C10N 2030/42** (2020.05 - EP US); **C10N 2030/43** (2020.05 - EP US); **C10N 2030/45** (2020.05 - EP US); **C10N 2040/252** (2020.05 - 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 2015021119 A1 20150212; BR 112016002634 A2 20170801; BR 112016002634 B1 20201117; CA 2920626 A1 20150212; CA 2920626 C 20220705; CN 105637074 A 20160601; EP 2882834 A1 20150617; EP 2882834 B1 20160120; ES 2567566 T3 20160425; JP 2015527480 A 20150917; JP 5840334 B2 20160106; US 2016264908 A1 20160915

DOCDB simple family (application)
US 2014049892 W 20140806; BR 112016002634 A 20140806; CA 2920626 A 20140806; CN 201480055227 A 20140806; EP 14752735 A 20140806; ES 14752735 T 20140806; JP 2015531359 A 20140806; US 201414409642 A 20140806