

Title (en)

Oil supply apparatus for engine provided with two-stage relief valve

Title (de)

Ölzuführvorrichtung für Motor mit zweistufigem Überdruckventil

Title (fr)

Appareil d'alimentation en huile pour moteur et pourvue de soupape de surpression à deux étages

Publication

**EP 2674583 B1 20160720 (EN)**

Application

**EP 12172117 A 20120615**

Priority

EP 12172117 A 20120615

Abstract (en)

[origin: EP2674583A1] Provided is an oil supply apparatus for an engine provided with a two-stage relief valve, in which a sufficient amount of working fluid is supplied in proportion to an engine speed in a low speed range where sufficient lubrication is not performed and a flow rate of the working fluid is reduced in a medium and high speed range where smooth lubrication is performed to reduce a rotational load applied to a crankshaft, capable of reducing an engine load to decrease fuel consumption to improve fuel efficiency as well as improving a lubrication operation through supply of an appropriate flow rate.

IPC 8 full level

**F01M 1/16** (2006.01); **F04B 49/08** (2006.01); **F04C 14/26** (2006.01); **F16N 13/00** (2006.01)

CPC (source: EP)

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