

Title (en)

LUBRICATION SYSTEM AND INTERNAL COMBUSTION ENGINE COMPRISING SUCH A SYSTEM

Title (de)

SCHMIERSYSTEM UND SOLCH EIN SYSTEM UMFASSENDE VERBRENNUNGSMOTOR

Title (fr)

SYSTÈME DE LUBRIFICATION ET MOTEUR À COMBUSTION INTERNE COMPRENANT LEDIT SYSTÈME

Publication

EP 1945920 B1 20091230 (EN)

Application

EP 05810912 A 20051014

Priority

EP 2005011791 W 20051014

Abstract (en)

[origin: US2008308353A1] This lubrication system includes a pump feeding a main line which provides oil to a support interface for a crank shaft of oil engine and an auxiliary line connected to at least one piston cooling jet. The pump is a variable flow pump controlled on the basis of oil pressure in the main line. A proportional means is mounted on the auxiliary line. This means is adapted to control oil flow in the auxiliary line depending on the working conditions of the engine, e.g. oil temperature, torque to be delivered or rotational speed of the engine.

IPC 8 full level

F01M 1/16 (2006.01); **F04C 2/344** (2006.01)

CPC (source: EP US)

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