

Title (en)

Device and method of regulation of oil pressure in a combustion engine

Title (de)

Einrichtung und Verfahren zur Regelung des Schmieröldruckes einer Brennkraftmaschine

Title (fr)

Dispositif et procédé de régulation de la pression d'huile dans un moteur à combustion

Publication

EP 1076164 B1 20050112 (DE)

Application

EP 00115546 A 20000719

Priority

DE 19938285 A 19990812

Abstract (en)

[origin: EP1076164A1] The unit has a thermostatically-controlled valve (14), whose valve body (16) is pushed closed by a pressure spring (22). The valve body opens an opening (30) as a function of the oil supply quantity and the oil pressure, through which the oil flows back to the suction side (33) of the oil pump (10). The valve has an extension element (26), which opens the valve more slowly with a rise in temperature and more easily in the cold state. An Independent claim is included for a method for using the unit.

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F01M 1/16

IPC 8 full level

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CPC (source: EP)

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Cited by

CN114542231A; FR2815669A1; EP2511490A4; CN112284915A; EP3216993A1; FR3048452A1; US6896489B2

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