

Title (en)

Method for lubricating a two-cycle internal combustion engine and lubricating oil supplying system.

Title (de)

Verfahren zur Schmierung einer Zweitakt-Brennkraftmaschine und Schmierölaufuhrsystem.

Title (fr)

Méthode de lubrification d'un moteur à deux-temps, à combustion interne et système de prélèvement de l'huile de lubrification.

Publication

EP 0508486 A1 19921014 (EN)

Application

EP 92106361 A 19920413

Priority

- JP 5662092 A 19920210
- JP 8929792 A 19920316
- JP 10865191 A 19910412
- JP 33278191 A 19911122

Abstract (en)

The present invention relates to a method for lubricating a two-cycle internal combustion engine, wherein the lubricating oil discharged from an oil pump driven in timed relationship by the engine and delivering a substantially fixed amount of lubricant during each cycle of its operation, is fed to a control valve for selectively controlling the flow of the lubricant to the engine, said control valve having a flow position in which lubricant flow to the engine is permitted and a non-flow position in which lubricant flow to the engine is precluded and a return flow of lubricant from the control valve to the suction side of the oil pump is established. More specifically, the control valve is operated in response to engine operating conditions to vary the period of time when the control valve is in its flow or non-flow positions for controlling the amount of lubricant delivered to the engine. <IMAGE>

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F01M 3/02

IPC 8 full level

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CPC (source: EP)

F01M 3/02 (2013.01); **F02B 2075/025** (2013.01)

Citation (search report)

- [Y] US 4904163 A 19900227 - TACHI KOZI [JP], et al
- [Y] EP 0275715 A1 19880727 - HONDA MOTOR CO LTD [JP]
- [A] PATENT ABSTRACTS OF JAPAN vol. 12, no. 121 (M-686)(2968) 15 April 1988 & JP-A-62 248 812 (NIPPON SOKEN INC) 29 October 1987

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