

Title (en)  
PRELUBRICATION SYSTEMS AND METHOD

Title (de)  
VERFAHREN UND VORRICHTUNG ZUR VERSCHMIERUNG

Title (fr)  
SYSTEMES DE PRELUBRIFICATION ET PROCEDE CORRESPONDANT

Publication  
**EP 1040258 A1 20001004 (EN)**

Application  
**EP 97912806 A 19971021**

Priority  
US 9718923 W 19971021

Abstract (en)  
[origin: WO9920875A1] An apparatus for automatically preventing wear in an internal combustion engine includes an electric pump (19), a disconnect coupling (26), a high arrestance filter (60), a programmable logic control element (36), and an external controller (44). The programmable logic control element is connected to a normally provided battery (42) and automatically switches control power from the battery to the electric pump according to a programmed control operating cycle program, and is operatively independent of ignition switch activation or operator action. The inlet of the electric pump is connected to the normally provided engine oil sump (12) for removing lubricating fluid. The lubricating fluid is pumped through the high arrestance filter, yielding a substantially contaminant free lubricating fluid which after flowing through a radiator is discharged into the normally provided engine lubricating gallery (54). The external controller, such as a wireless remote control, is provided to activate the pump remotely upon demand.

IPC 1-7  
**F01M 5/02**; F01M 11/03; F01M 11/04

IPC 8 full level  
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CPC (source: EP)  
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Cited by  
CN112963248A; CN115176073A

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**WO 9920875 A1 19990429**; AT E304651 T1 20050915; AU 4990297 A 19990510; CA 2307232 A1 19990429; CA 2307232 C 20070710; DE 69734213 D1 20060126; DE 69734213 T2 20060622; EP 1040258 A1 20001004; EP 1040258 A4 20010131; EP 1040258 B1 20050914

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