

Title (en)

Device for increasing the rate of temperature rise of the oil in a combustion engine

Title (de)

Vorrichtung zur Erhöhung der Temperaturanstiegsgeschwindigkeit des Motoröls

Title (fr)

Dispositif d'augmentation de la vitesse de montée en température de l'huile moteur

Publication

EP 0936347 B1 20030319 (FR)

Application

EP 99400340 A 19990212

Priority

FR 9801808 A 19980216

Abstract (en)

[origin: EP0936347A1] The engine oil is heated by passing it through a constricted orifice in the oil sump (6) and between baffle plates (8A,8B). These are contained within a chamber (2) which in turn is located within the oil sump (1). The oil pump (3) draws its supply from the chamber which retains a pool of warm oil after the engine is stopped.

IPC 1-7

F01M 5/00

IPC 8 full level

F01M 5/00 (2006.01); **F24J 3/00** (2006.01); **F01M 5/02** (2006.01)

CPC (source: EP)

F01M 5/005 (2013.01); **F01M 5/007** (2013.01); **F24V 40/10** (2018.04); **F01M 2005/023** (2013.01)

Cited by

EP1806483A4; WO0210636A1; US8066100B2; US8297407B2

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EP 0936347 A1 19990818; EP 0936347 B1 20030319; DE 69905954 D1 20030424; FR 2775019 A1 19990820; FR 2775019 B1 20000331

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