

Title (en)
Oilfeeder system for combustion engine

Title (de)
Ölversorgungssystem für einen Kraftfahrzeugmotor

Title (fr)
Système d'amenée d'huile pour moteur à combustion

Publication
EP 0838577 B1 20011024 (DE)

Application
EP 97118523 A 19971024

Priority

- DE 19644645 A 19961026
- DE 19719199 A 19970509

Abstract (en)
[origin: EP0838577A1] The system has an oil sump (2) with pump to drive a circuit to supply oil to the engine. It also has an oil cooler (11), connected to the oil circuit and to a cooling medium circuit driven by a cooling medium pump (101). The oil circuit is connected to an oil filter (12). The fluid connections between oil module (1) and engine, and between the module components, are formed by pipes and/or connections integrated in the module. The side (3) of the oil sump next to the end face of the engine is open, and is closed by the engine when fitted.

IPC 1-7
F01M 1/02; F01M 11/03

IPC 8 full level
F01M 1/02 (2006.01); **F01M 5/00** (2006.01); **F01M 11/03** (2006.01); **F01P 5/10** (2006.01); **F04D 29/40** (2006.01); **F01P 11/04** (2006.01);
F02F 7/00 (2006.01)

CPC (source: EP)
F01M 1/02 (2013.01); **F01M 5/002** (2013.01); **F01M 11/03** (2013.01); **F01P 5/10** (2013.01); **F04D 29/406** (2013.01); **F01M 2011/033** (2013.01);
F01M 2011/035 (2013.01); **F01P 11/04** (2013.01); **F02F 7/007** (2013.01); **F02F 7/0073** (2013.01)

Citation (examination)

- US 5203293 A 19930420 - SHINTANI HIDETOSHI [US], et al
- US 4974562 A 19901204 - ISHII KEISUKE [JP], et al

Cited by
DE102008032816A1; CN107246343A; DE202004011114U1; FR2847303A1; DE202004018136U1; DE10218338B4; DE29915384U1;
EP1146308A3; EP1211390A1; DE102004014787A1; CN108590802A; GB2478079A; GB2478079B; US8783216B2; WO2006005328A1;
EP1164262A2; US6463904B2; US8496089B2; US9512752B2

Designated contracting state (EPC)
DE ES FR GB IT SE

DOCDB simple family (publication)
EP 0838577 A1 19980429; EP 0838577 B1 20011024

DOCDB simple family (application)
EP 97118523 A 19971024