

Title (en)

Oil collecting device for an engine, particularly for a flat engine

Title (de)

Ölauffangvorrichtung für eine Brennkraftmaschine, insbesondere für einen Boxermotor

Title (fr)

Dispositif de capture d'huile, particulièrement pour un moteur à cylindres opposés

Publication

EP 1457646 B1 20061115 (DE)

Application

EP 04004754 A 20040226

Priority

DE 10310179 A 20030308

Abstract (en)

[origin: EP1457646A1] An oil drip dish fits underneath a crankcase (2,4) to form an oil extraction area (OEA) (16), from which lubricating oil (LO) is fed to consumers via a main oil pump with an oil suction pipe. LO from the consumers returns via oil pipes (42,44) to oil collecting areas (OCA) (20,22) next to the OEA separated from the OCA by oil bulkhead walls (24,26) with a passage controlled by flaps (32,34).

IPC 8 full level

F01M 11/00 (2006.01); **F02B 75/24** (2006.01); **F02F 7/00** (2006.01)

CPC (source: EP US)

F01M 11/0004 (2013.01 - EP US); **F01M 2011/0033** (2013.01 - EP US); **F01M 2011/0037** (2013.01 - EP US); **F01M 2011/0045** (2013.01 - EP US); **F01M 2011/007** (2013.01 - EP US); **F02B 75/243** (2013.01 - EP US)

Cited by

CN107676147A; CN107339165A

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

EP 1457646 A1 20040915; **EP 1457646 B1 20061115**; DE 10310179 A1 20040923; DE 10310179 B4 20081224; DE 502004001977 D1 20061228; JP 2004270697 A 20040930; US 2004231924 A1 20041125; US 7124730 B2 20061024

DOCDB simple family (application)

EP 04004754 A 20040226; DE 10310179 A 20030308; DE 502004001977 T 20040226; JP 2004060302 A 20040304; US 79439104 A 20040308