

Title (en)

Oil sump for combustion engine

Title (de)

Ölwanne für Brennkraftmaschine

Title (fr)

Bac à huile pour moteur de véhicule automobile

Publication

EP 1777383 A1 20070425 (FR)

Application

EP 06300966 A 20060920

Priority

FR 0552949 A 20050929

Abstract (en)

The pan has a main tank (11) that is placed at proximity of an oil pump and with volume limited by travel of connecting rods (20). The main tank is fed back by oil returning from a crankshaft/connecting rod assembly. An additional tank (12) is placed outward from the rods and fed by oil returning from engine bottom by simple gravity through a duct (121). The tank (12) comprises an overflow device (122) for transferring oil towards the main tank.

IPC 8 full level

F01M 11/00 (2006.01)

CPC (source: EP)

F01M 11/0004 (2013.01)

Citation (applicant)

DE 10002256 A1 20010802 - DAIMLER CHRYSLER AG [DE]

Citation (search report)

- [X] DE 10002256 A1 20010802 - DAIMLER CHRYSLER AG [DE]
- [A] US 2002170524 A1 20021121 - LAWRENCE HOWARD J [GB]

Cited by

FR2941030A1; CN103089369A; DE102012112789A1; US9334769B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

EP 1777383 A1 20070425; FR 2891303 A1 20070330; FR 2891303 B1 20071214

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