

Title (en)
OIL SUMP

Title (de)
ÖLWANNE

Title (fr)
CARTER D'HUILE

Publication
EP 3529467 A1 20190828 (FR)

Application
EP 17794377 A 20171012

Priority
• FR 1660104 A 20161018
• FR 2017052816 W 20171012

Abstract (en)
[origin: WO2018073513A1] The invention relates to an oil sump (1) comprising a lower shell (2) intended for containing lubricating oil of an engine, in which a flow of oil, referred to as suction oil flow (I), is sucked up via a suction tube (44) to supply a lubricating circuit, and an oil flow, referred to as returning oil flow (II), falls into the oil sump (1). The oil sump (1) comprises an anti-emulsion plate (8) arranged in the oil sump (1) and orientation means making it possible to orient at least one portion of the returning oil flow (II) towards an area located at the mouth of the suction tube (44) during a transitional period in which the temperature of the oil is lower than an optimal operating temperature.

IPC 8 full level
F01M 5/00 (2006.01); **F01M 5/02** (2006.01); **F01M 11/00** (2006.01)

CPC (source: EP US)
F01M 5/007 (2013.01 - EP US); **F01M 5/02** (2013.01 - EP US); **F01M 5/021** (2013.01 - US); **F01M 11/0004** (2013.01 - EP US); **F01M 2005/023** (2013.01 - EP US); **F01M 2011/0033** (2013.01 - EP US); **F01M 2011/0045** (2013.01 - EP US); **F01M 2011/005** (2013.01 - EP US); **F01M 2011/007** (2013.01 - EP US)

Citation (search report)
See references of WO 2018073513A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
FR 3057610 A1 20180420; FR 3057610 B1 20191122; CN 109891063 A 20190614; CN 109891063 B 20210727; EP 3529467 A1 20190828; EP 3529467 B1 20220323; ES 2913230 T3 20220601; US 11022011 B2 20210601; US 2019264589 A1 20190829; WO 2018073513 A1 20180426

DOCDB simple family (application)
FR 1660104 A 20161018; CN 201780064477 A 20171012; EP 17794377 A 20171012; ES 17794377 T 20171012; FR 2017052816 W 20171012; US 201716342759 A 20171012