

Title (en)
DRIVE SYSTEM AND ASSOCIATED MOTOR VEHICLE

Title (de)
ANTRIEBSSYSTEM UND ZUGEHÖRIGES KRAFTFAHRZEUG

Title (fr)
SYSTÈME DE MOTORISATION ET VÉHICULE AUTOMOBILE ASSOCIÉ

Publication
EP 3374614 A1 20180919 (FR)

Application
EP 16794326 A 20161110

Priority

- FR 1560874 A 20151113
- EP 2016077251 W 20161110

Abstract (en)
[origin: WO2017081142A1] This drive system (1) for a motor vehicle comprises a top end (5) and a bottom end (7) that are coupled together, a kinematic drive chain, a compressor (35), a main lubrication system, that comprises a main circuit (105) and a main pump (103), which supplies at least the bottom end with a main lubricant via the main circuit, and a secondary lubrication system, that comprises at least one secondary circuit (115) separated from the main circuit and at least one secondary pump (113) separate from the main pump, the secondary pump supplying the top end and/or the compressor with a secondary lubricant via the secondary circuit (115). The secondary lubrication system comprises at least one secondary actuator (119) mechanically separate from the kinematic drive chain and that drives the secondary pump (113) to supply the top end (5) and/or the compressor (35) with the secondary lubricant.

IPC 8 full level
F02B 39/14 (2006.01); **C10M 101/00** (2006.01); **F01M 9/02** (2006.01); **F16N 39/00** (2006.01)

CPC (source: EP KR US)
F01M 1/02 (2013.01 - US); **F01M 9/02** (2013.01 - KR); **F01M 11/02** (2013.01 - US); **F02B 39/14** (2013.01 - EP KR US); **F16N 39/00** (2013.01 - KR); **F01M 9/02** (2013.01 - EP US); **F01M 2001/0215** (2013.01 - US); **F01M 2001/023** (2013.01 - US); **F01M 2001/0246** (2013.01 - US); **F01M 2001/0269** (2013.01 - US); **F01M 2011/021** (2013.01 - US); **F02B 37/00** (2013.01 - EP US); **F16N 39/00** (2013.01 - EP US)

Citation (search report)
See references of WO 2017081142A1

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
WO 2017081142 A1 20170518; CN 108307644 A 20180720; EP 3374614 A1 20180919; FR 3043717 A1 20170519; FR 3043717 B1 20190913; JP 2018535349 A 20181129; KR 20180081553 A 20180716; US 10513953 B2 20191224; US 2018328241 A1 20181115

DOCDB simple family (application)
EP 2016077251 W 20161110; CN 201680066020 A 20161110; EP 16794326 A 20161110; FR 1560874 A 20151113; JP 2018524274 A 20161110; KR 20187016010 A 20161110; US 201615774603 A 20161110