

Title (en)

SCREW COMPRESSOR FOR A UTILITY VEHICLE

Title (de)

SCHRAUBENKOMPRESSOR FÜR EIN NUTZFAHRZEUG

Title (fr)

COMPRESSEUR À VIS POUR VÉHICULE UTILITAIRE

Publication

**EP 3516224 B1 20200819 (DE)**

Application

**EP 17777197 A 20170919**

Priority

- DE 102016011395 A 20160921
- EP 2017073551 W 20170919

Abstract (en)

[origin: WO2018054866A1] The present invention relates to a screw compressor (10) for a utility vehicle, comprising a housing (20), wherein, in the operationally ready and assembled state of the screw compressor (10), an oil sump is provided in the housing (20), a magnet (104) is being arranged in the oil sump.

IPC 8 full level

**F04C 18/16** (2006.01)

CPC (source: EP KR US)

**F04C 18/16** (2013.01 - EP KR US); **F04C 29/02** (2013.01 - KR US); **F04C 29/025** (2013.01 - US); **F04C 29/026** (2013.01 - US);  
**F04C 29/04** (2013.01 - US); **F04C 2210/1005** (2013.01 - KR); **F04C 2210/221** (2013.01 - KR); **F04C 2240/30** (2013.01 - EP KR US);  
**F04C 2240/809** (2013.01 - EP KR US); **F04C 2270/19** (2013.01 - EP US); **F04C 2270/24** (2013.01 - EP US); **F04C 2280/02** (2013.01 - EP KR US);  
**F05B 2210/12** (2013.01 - KR); **F05B 2210/16** (2013.01 - KR); **F05B 2260/98** (2013.01 - KR); **F05C 2251/12** (2013.01 - EP US)

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)

**DE 102016011395 A1 20180322**; BR 112019005059 A2 20190618; CN 109937301 A 20190625; CN 109937301 B 20210528;  
EP 3516224 A1 20190731; EP 3516224 B1 20200819; JP 2019529801 A 20191017; KR 20190049845 A 20190509; US 11994129 B2 20240528;  
US 2019211826 A1 20190711; WO 2018054866 A1 20180329

DOCDB simple family (application)

**DE 102016011395 A 20160921**; BR 112019005059 A 20170919; CN 201780070027 A 20170919; EP 17777197 A 20170919;  
EP 2017073551 W 20170919; JP 2019536673 A 20170919; KR 20197010555 A 20170919; US 201916355106 A 20190315