

Title (en)
SCREW COMPRESSOR FOR A UTILITY VEHICLE

Title (de)
SCHRAUBENKOMPRESSOR FÜR EIN NUTZFAHRZEUG

Title (fr)
COMPRESSEUR À VIS POUR VÉHICULE UTILITAIRE

Publication
EP 3516234 B1 20210707 (DE)

Application
EP 17772361 A 20170919

Priority
• DE 102016011394 A 20160921
• EP 2017073546 W 20170919

Abstract (en)
[origin: WO2018054862A1] The invention relates to a screw compressor (10) for a utility vehicle, having at least one housing (20), at least one housing cover (20b) and having at least one rotor housing (20a) and at least one seal (104), wherein, when assembled, there is an oil sump in the housing (20), and the seal (104) is arranged between the housing cover (20b) and the rotor housing (20a) and projects out of the oil sump with respect to the assembled state. The seal (104) is formed as a sealing plate and has multiple passage openings (108, 110).

IPC 8 full level
F04C 29/02 (2006.01); **F04C 18/16** (2006.01); **F04C 23/00** (2006.01); **F04C 29/00** (2006.01); **F04C 29/04** (2006.01)

CPC (source: EP KR US)
F01C 21/007 (2013.01 - EP KR); **F04C 18/16** (2013.01 - EP KR US); **F04C 23/008** (2013.01 - EP KR US); **F04C 27/008** (2013.01 - KR US); **F04C 29/005** (2013.01 - EP KR US); **F04C 29/026** (2013.01 - EP KR US); **F04C 29/028** (2013.01 - EP KR US); **F04C 29/04** (2013.01 - EP KR US); **F04C 27/008** (2013.01 - EP); **F04C 2210/1005** (2013.01 - KR); **F04C 2210/221** (2013.01 - KR); **F04C 2220/40** (2013.01 - EP KR US); **F04C 2240/30** (2013.01 - EP KR US); **F04C 2240/809** (2013.01 - EP KR US); **F05B 2210/12** (2013.01 - KR); **F05B 2210/16** (2013.01 - KR); **F05B 2240/57** (2013.01 - KR); **F05B 2260/98** (2013.01 - KR)

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 102016011394 A1 20180322; BR 112019005068 A2 20190604; CN 109906317 A 20190618; CN 109906317 B 20201208; EP 3516234 A1 20190731; EP 3516234 B1 20210707; JP 2019529799 A 20191017; JP 6738494 B2 20200812; KR 102228032 B1 20210315; KR 20190045937 A 20190503; US 11359630 B2 20220614; US 2019390673 A1 20191226; WO 2018054862 A1 20180329

DOCDB simple family (application)
DE 102016011394 A 20160921; BR 112019005068 A 20170919; CN 201780068585 A 20170919; EP 17772361 A 20170919; EP 2017073546 W 20170919; JP 2019536671 A 20170919; KR 20197010286 A 20170919; US 201716333395 A 20170919