

Title (en)

SCREW COMPRESSOR FOR A UTILITY VEHICLE

Title (de)

SCHRAUBENKOMPRESSORSYSTEM FÜR EIN NUTZFAHRZEUG

Title (fr)

COMPRESSEUR À VIS POUR VÉHICULE UTILITAIRE

Publication

EP 3516229 A1 20190731 (DE)

Application

EP 17778212 A 20170919

Priority

- DE 102016011437 A 20160921
- EP 2017073539 W 20170919

Abstract (en)

[origin: WO2018054857A1] The invention relates to a screw compressor system (100) for a utility vehicle, comprising at least one screw compressor (10) and at least one control and/or regulation unit (110) for controlling and regulating the screw compressor (10). Said control and/or regulation unit (110) is designed such that the screw compressor (10) is prevented, for a determined period of time, from re-starting after being stopped.

IPC 8 full level

F04C 28/06 (2006.01); **F04C 18/16** (2006.01); **F04C 28/28** (2006.01)

CPC (source: EP KR US)

F04C 18/16 (2013.01 - EP KR US); **F04C 28/06** (2013.01 - EP KR US); **F04C 28/24** (2013.01 - US); **F04C 28/28** (2013.01 - EP US);
F04C 29/026 (2013.01 - US); **F04C 2210/1005** (2013.01 - KR); **F04C 2210/221** (2013.01 - KR); **F04C 2270/80** (2013.01 - US);
F05B 2210/12 (2013.01 - KR); **F05B 2210/16** (2013.01 - KR); **F05B 2270/10** (2013.01 - KR)

Citation (search report)

See references of WO 2018054857A1

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)

DE 102016011437 A1 20180322; BR 112019005048 A2 20190618; CN 109790839 A 20190521; CN 109790839 B 20210525;
EP 3516229 A1 20190731; EP 3516229 B1 20220831; JP 2019529795 A 20191017; JP 6926211 B2 20210825; KR 20190045356 A 20190502;
US 11085447 B2 20210810; US 2020040897 A1 20200206; WO 2018054857 A1 20180329

DOCDB simple family (application)

DE 102016011437 A 20160921; BR 112019005048 A 20170919; CN 201780058085 A 20170919; EP 17778212 A 20170919;
EP 2017073539 W 20170919; JP 2019536666 A 20170919; KR 20197010549 A 20170919; US 201716331267 A 20170919