

Title (en)  
SCREW COMPRESSOR

Title (de)  
SCHRAUBENVERDICHTER

Title (fr)  
COMPRESSEUR À VIS

Publication  
**EP 3557063 A4 20191127 (EN)**

Application  
**EP 16923645 A 20161216**

Priority  
JP 2016087623 W 20161216

Abstract (en)  
[origin: EP3557063A1] At least part of a region in which a distal end portion of each tooth portion of a gate rotor and a discharge-side wall portion that is a discharge-side wall forming a screw groove, with which the distal end portion of the tooth portion is meshed with, face each other during reverse rotation of a screw rotor has a non-contact structure.

IPC 8 full level  
**F04C 18/52** (2006.01); **F04C 18/08** (2006.01)

CPC (source: EP)  
**F04C 18/084** (2013.01); **F04C 18/52** (2013.01)

Citation (search report)

- [XAI] US 5129800 A 19920714 - BOBLITT WAYNE W [US]
- [A] EP 1357292 A1 20031029 - DAIKIN IND LTD [JP]
- [A] EP 2228537 A1 20100915 - DAIKIN IND LTD [JP]
- See references of WO 2018109939A1

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)  
**EP 3557063 A1 20191023; EP 3557063 A4 20191127; EP 3557063 B1 20210707**; CN 210127943 U 20200306; CN 210127943 U9 20200417; JP WO2018109939 A1 20190704; WO 2018109939 A1 20180621

DOCDB simple family (application)  
**EP 16923645 A 20161216**; CN 201690001836 U 20161216; JP 2016087623 W 20161216; JP 2018556155 A 20161216