

Title (en)
SCREW COMPRESSOR

Title (de)
SCHRAUBENVERDICHTER

Title (fr)
COMPRESSEUR À VIS

Publication
EP 3564532 A4 20200701 (EN)

Application
EP 18750981 A 20180209

Priority
• JP 2017021955 A 20170209
• JP 2018004747 W 20180209

Abstract (en)
[origin: EP3564532A1] In at least one of a screw rotor (40) or a gate rotor (50) of a screw compressor (1), an oil supply passage (5) which is connected to an oil supply port (5) opened at a sliding surface (3) of the rotor (40, 50) and supplies a lubricant to the sliding surface (3) is formed.

IPC 8 full level
F04C 18/52 (2006.01); **F04C 18/16** (2006.01); **F04C 29/02** (2006.01)

CPC (source: EP US)
F04C 18/16 (2013.01 - EP US); **F04C 18/52** (2013.01 - US); **F04C 29/02** (2013.01 - EP US); **F04C 2240/809** (2013.01 - US)

Citation (search report)
• [XAI] JP 2017015054 A 20170119 - DAIKIN IND LTD
• [XAI] JP S5670186 U 19810610
• [XAI] WO 9518945 A1 19950713 - FRESCO ANTHONY N [US]
• See references of WO 2018147452A1

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)
EP 3564532 A1 20191106; **EP 3564532 A4 20200701**; **EP 3564532 B1 20240501**; CN 110446857 A 20191112; CN 110446857 B 20211214; US 2020003211 A1 20200102; WO 2018147452 A1 20180816

DOCDB simple family (application)
EP 18750981 A 20180209; CN 201880010686 A 20180209; JP 2018004747 W 20180209; US 201816484796 A 20180209