

Title (en)
SCREW COMPRESSOR

Title (de)
SCHRAUBENVERDICHTER

Title (fr)
COMPRESSEUR À VIS

Publication
EP 3564532 B1 20240501 (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 (examination)
SU 1432270 A2 19881023 - LE T I KHOLODILNOI PROM [SU]

Designated contracting state (EPC)
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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

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EP 18750981 A 20180209; CN 201880010686 A 20180209; JP 2018004747 W 20180209; US 201816484796 A 20180209