

Title (en)
SCREW COMPRESSOR WITH INTEGRAL OIL CHANNELS

Title (de)
SCHRAUBENVERDICHTER MIT INTEGRIERTEN ÖLKANÄLEN

Title (fr)
COMPRESSEUR À VIS AVEC CANAUX D'HUILE D'UN SEUL TENANT

Publication
EP 2024642 A1 20090218 (EN)

Application
EP 07722586 A 20070501

Priority

- DK 2007000207 W 20070501
- DK PA200600630 A 20060504

Abstract (en)
[origin: WO2007128309A1] A method for lubricating a screw compressor and a screw compressor, comprising a compressor housing (4), which housing comprises a male (8) and a female (10) screw rotor and at least one oil inlet (12), from which oil is distributed to lubricate mechanical parts in conjunction with the compressor. The compressor housing (4) is connected to a bearing housing (14), where rotor endplates (16,18) comprise cutouts for discharge ports, which endplates are placed between the screw rotors (8,10) and the bearing housing (14), where oil at least at a first high pressure is distributed in integrated channels formed in the compressor components and where the longitudinal oil channels are formed in the compressor housing (4) along the screw rotors (8,10), and where oil channels mostly parallel to the rotational axes of the screw rotors can be formed at least in the bearing housing (14) and in the rotor endplates (16,18).

IPC 8 full level
F04C 18/16 (2006.01)

CPC (source: EP)
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Cited by
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