

Title (en)

A COMPRESSOR WITH IMPROVED LUBRICATION PERFORMANCE

Title (de)

VERDICHTER MIT VERBESSERTER SCHMIERLEISTUNG

Title (fr)

COMPRESSEUR PRÉSENTANT UNE MEILLEURE PERFORMANCE DE LUBRIFICATION

Publication

EP 3770430 A1 20210127 (EN)

Application

EP 20187449 A 20200723

Priority

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Abstract (en)

The present invention relates to a compressor (1) comprising a motor (2) composed of two main components, namely a stator (3) and a rotor (4); a crankshaft (5) which transmits the motion received from the motor (2) and which enables the delivery of the oil; a cylinder block (6); a bearing (7) which enables the crankshaft (5) to be borne in the radial direction to the cylinder block (6); an upper casing (8) which covers the movable components; a lower casing (9) at the base of which the oil is disposed; an oil suction tube (10) which is attached to the end of the crankshaft (5); a reservoir (11) which is disposed between the oil suction tube (10) and the crankshaft (5) and which extends along the diameter of the (5) crankshaft in the horizontal axis; and at least one channel (12) with one end opening into the reservoir (11), which is arranged in the crankshaft (5).

IPC 8 full level

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CPC (source: EP)

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Citation (applicant)

- US 2002170779 A1 20021121 - KIM JONG-HYUK [KR]
- SE 422699 B 19820322 - TJURIKOV LEONID STEPANOVICH, et al

Citation (search report)

- [XY] WO 2010133508 A1 20101125 - ARCELIK AS [TR], et al
- [YD] US 2002170779 A1 20021121 - KIM JONG-HYUK [KR]
- [A] WO 2016192976 A1 20161208 - ARCELIK AS [TR]
- [A] US 2583583 A 19520129 - MANGAN JOHN R

Designated contracting state (EPC)

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