

Title (en)

Winterproof turbo compressor unit and method for winterproofing the turbo compressor unit

Title (de)

Winterfeste Turboverdichtereinheit und Verfahren zur Winterfestmachung der Turboverdichtereinheit

Title (fr)

Unité de turbocompresseur résistant à l'hiver et procédé destiné à la création de résistance à l'hiver de l'unité de turbocompresseur

Publication

EP 2009289 A1 20081231 (DE)

Application

EP 07012385 A 20070625

Priority

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Abstract (en)

The unit (1) has a turbocompressor (2), and an oil supply installation (7) for supplying a low temperature lubricating oil (13) in the turbocompressor. The turbocompressor and the oil supply installation are arranged to operate with the low-temperature oil. The turbocompressor has a rotor that is mounted by bearings e.g. tilting-segment plain bearings. The lubricating oil supply is implemented by a supply of the lubricating oil through a collective oil supply line (5) and a discharge of the lubricating oil through a collective oil return line (6). An independent claim is also included for a method for winterizing a turbocompressor unit with low temperature oil.

Abstract (de)

Eine winterfeste Turboverdichtereinheit weist einen Turboverdichter (2) und eine Ölversorgungsanlage (7) zum Versorgen des Turboverdichters (2) mit einem Schmieröl (13) auf, wobei das Schmieröl (13) ein Tieftemperaturöl ist und der Turboverdichter (2) und die Ölversorgungsanlage (7) für den Betrieb mit dem Tieftemperaturöl eingerichtet sind.

IPC 8 full level

F04D 29/063 (2006.01)

CPC (source: EP US)

F04D 29/057 (2013.01 - EP US); **F04D 29/063** (2013.01 - EP US)

Citation (search report)

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- [Y] EP 0284871 A2 19881005 - BAYER AG [DE]
- [Y] DE 3927155 A1 19910221 - HENKEL KGAA [DE]
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- [Y] DE 3929069 A1 19910307 - HENKEL KGAA [DE]
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