

Title (en)

ELECTRIC COMPRESSOR WITH IMPROVED DYNAMIC SEALING SYSTEM

Title (de)

ELEKTRISCHER KOMPRESSOR MIT VERBESSERTEM DYNAMISCHEM DICHTUNGSSYSTEM

Title (fr)

COMPRESSEUR ÉLECTRIQUE AVEC SYSTÈME D'ÉTANCHÉITÉ DYNAMIQUE AMÉLIORÉ

Publication

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Application

EP 16725189 A 20160502

Priority

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- FR 1559872 A 20151016
- FR 2016051029 W 20160502

Abstract (en)

[origin: WO2016174375A1] Electric compressor 9, 17 comprising a shaft 13 rotatably driven by an electric motor via bearings 16, the shaft rotatably driving a compressor wheel 14, the compressor 9 comprising two sealing segments 29a, 29b mounted about the shaft 13 between the bearings 16 and the compressor wheel 14 and having a vent hole 35, 37 for circulating a stream of pollutants towards the outside of the compressor, the inlet of which is disposed between the two sealing segments, the compressor including at least one seal 100 for protecting the bearings 16.

IPC 8 full level

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CPC (source: EP)

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