

Title (en)
COMPRESSOR HAVING A SEALING SYSTEM

Title (de)
VERDICHTER MIT VERSIEGELUNGSSYSTEM

Title (fr)
COMPRESSEUR AVEC SYSTEME D'ETANCHEITE

Publication
EP 3234372 A1 20171025 (FR)

Application
EP 15823350 A 20151214

Priority
• FR 1462969 A 20141219
• FR 2015053484 W 20151214

Abstract (en)
[origin: WO2016097563A1] The present invention relates to a compressor (100) having a rotating shaft (10) extending between at least two regions (1, 2) that define a driving volume and an air compression volume, respectively, the compressor being equipped with a sealing system, disposed around the shaft, that is formed by at least compression fins (18, 18') disposed between the two regions (1, 2). The fins (18, 18') are situated on the shaft (10) or on the internal face of the wheel (16) of the compressor.

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CPC (source: EP)
F04D 25/06 (2013.01); **F04D 29/104** (2013.01); **F04D 29/284** (2013.01); **F02B 39/10** (2013.01)

Citation (search report)
See references of WO 2016097563A1

Citation (examination)
• US 5909069 A 19990601 - ALLEN MARK G [US], et al
• WO 9908363 A1 19990218 - SHURFLO PUMP MFG CO [US]

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