

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.

IPC 8 full level  
**F04D 29/10** (2006.01); **F04D 29/28** (2006.01)

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]

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**WO 2016097563 A1 20160623**; EP 3234372 A1 20171025; FR 3030648 A1 20160624; FR 3030648 B1 20190503

DOCDB simple family (application)  
**FR 2015053484 W 20151214**; EP 15823350 A 20151214; FR 1462969 A 20141219