

Title (en)
SEAL ASSEMBLY FOR RECIPROCATING COMPRESSOR

Title (de)
DICHTUNGSANORDNUNG FÜR HUBKOLBENVERDICHTER

Title (fr)
ENSEMBLE D'ÉTANCHÉITÉ POUR COMPRESSEUR ALTERNATIF

Publication
EP 3628867 B1 20210428 (EN)

Application
EP 18197613 A 20180928

Priority
EP 18197613 A 20180928

Abstract (en)
[origin: EP3628867A1] A seal assembly for a reciprocating rod of a reciprocating compressor, a reciprocating compressor with the seal assembly, and a method of operating the reciprocating compressor with the seal assembly to prevent leakage of gas once the compressor has been shut down. The pressure difference between opposite sides of a static seal is kept low during normal operation to reduce wear of the static seal. When the compressor is shut down, a high pressure difference between opposite sides of the static seal assists with sealing.

IPC 8 full level
F04B 39/04 (2006.01); **F04B 53/14** (2006.01)

CPC (source: EP)
F04B 39/041 (2013.01); **F04B 53/144** (2013.01)

Cited by
IT202100005168A1; WO2022184323A1

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

DOCDB simple family (publication)
EP 3628867 A1 20200401; EP 3628867 B1 20210428; PL 3628867 T3 20211025

DOCDB simple family (application)
EP 18197613 A 20180928; PL 18197613 T 20180928