

Title (en)  
PISTON COMPRESSOR AND METHOD FOR OPERATING THE SAME

Title (de)  
KOLBENKOMPRESSOR SOWIE VERFAHREN ZUM BETRIEB DESSELBEN

Title (fr)  
COMPRESSEUR À PISTON ET SON PROCÉDÉ DE FONCTIONNEMENT

Publication  
**EP 3857065 B1 20220727 (DE)**

Application  
**EP 19786900 A 20190925**

Priority  
• EP 18196409 A 20180924  
• EP 2019075775 W 20190925

Abstract (en)  
[origin: WO2020064782A1] The piston compressor (1) comprises a cylinder (11, 12, 13), a piston provided therein, a carrier housing comprising a cross-head mounted therein, a spacer (40) which connects the cylinder (10) to the carrier housing, and a piston rod running in a longitudinal direction (L), said rod connecting the cross-head to the piston. The spacer (40) comprises a plurality of supporting arms (42, 43), said supporting arms (42, 43) being connected to the cylinder (10) and carrying same.

IPC 8 full level  
**F04B 5/02** (2006.01); **F04B 15/08** (2006.01); **F04B 53/08** (2006.01); **F04B 53/14** (2006.01); **F04B 53/16** (2006.01)

CPC (source: EP KR US)  
**F04B 5/02** (2013.01 - EP KR US); **F04B 15/08** (2013.01 - EP KR US); **F04B 53/08** (2013.01 - EP KR US); **F04B 53/14** (2013.01 - US); **F04B 53/16** (2013.01 - EP KR US); **F04B 53/16** (2013.01 - EP KR US); **F04B 9/042** (2013.01 - US); **F04B 19/22** (2013.01 - US); **F04B 23/06** (2013.01 - US); **F04B 2015/081** (2013.01 - EP KR)

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)  
**WO 2020064782 A1 20200402**; **WO 2020064782 A8 20200806**; CN 113330213 A 20210831; CN 113330213 B 20230314; EP 3857065 A1 20210804; EP 3857065 B1 20220727; JP 2022502597 A 20220111; JP 7483696 B2 20240515; KR 20220055448 A 20220503; US 2021388824 A1 20211216

DOCDB simple family (application)  
**EP 2019075775 W 20190925**; CN 201980076683 A 20190925; EP 19786900 A 20190925; JP 2021516634 A 20190925; KR 20217012271 A 20190925; US 201917279402 A 20190925