

Title (en)

COMPRESSOR UNIT AND METHOD FOR OPERATING A COMPRESSOR UNIT

Title (de)

VERDICHTEREINHEIT UND VERFAHREN ZUM BETREIBEN EINER VERDICHTEREINHEIT

Title (fr)

UNITÉ COMPRESSEUR ET SON PROCÉDÉ DE FONCTIONNEMENT

Publication

**EP 3440357 B1 20230906 (DE)**

Application

**EP 16714454 A 20160406**

Priority

EP 2016057538 W 20160406

Abstract (en)

[origin: WO2017174131A1] Compressor unit comprising a screw-type compressor (10) with a compressor housing (12), with a screw rotor chamber which is arranged in the compressor housing, two screw rotors (26, 28) which are arranged in the screw rotor chamber and are mounted on the compressor housing such that they can be rotated in each case about a screw rotor axis, and at least one control slide (52, 54) which is arranged in a slide channel (56) of the compressor housing, adjoins the two screw rotors, and can be moved in a displacement direction parallel to the screw rotor axes, and is configured so as to influence the end volume and/or the initial volume, wherein a compressor operational control unit (240) is provided on the screw-type compressor, which compressor operational control unit (240) is configured such that it carries out a compressor operational function which assists at least one operation of the compressor unit.

IPC 8 full level

**F04C 18/16** (2006.01); **F04C 28/12** (2006.01); **F04C 28/28** (2006.01)

CPC (source: EP RU US)

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Citation (examination)

DE 102012102349 A1 20130926 - BITZER KUEHLMASCHINENBAU GMBH [DE]

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DOCDB simple family (publication)

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