

Title (en)

WORM COMPRESSOR PROVIDED WITH A SOUND ABSORBER

Title (de)

SCHRAUBENVERDICHTER MIT EINEM SCHALLDÄMPFER

Title (fr)

COMPRESSEUR A VIS SANS FIN, EQUIPE D'UN AMORTISSEUR DE BRUIT

Publication

EP 1702163 B1 20110622 (DE)

Application

EP 04803671 A 20041209

Priority

- EP 2004014013 W 20041209
- DE 10359032 A 20031215

Abstract (en)

[origin: US2006243520A1] In order to avoid pulsations in a screw compressor comprising an outer housing, a compressor screw housing which is arranged in the outer housing and in which rotor bores for screw rotors are arranged, a drive arranged in the outer housing on one side of the compressor screw housing and a bearing housing arranged in the outer housing on a side of the compressor screw housing located opposite the drive, it is suggested that an acoustic wave damping device having the compressed working medium flowing through it be arranged within the outer housing.

IPC 8 full level

F04C 18/16 (2006.01); **F01C 21/10** (2006.01); **F04C 23/00** (2006.01); **F04C 29/06** (2006.01)

CPC (source: EP US)

F01C 21/10 (2013.01 - EP US); **F04C 18/16** (2013.01 - EP US); **F04C 23/008** (2013.01 - EP US); **F04C 29/061** (2013.01 - EP US); **F04C 29/068** (2013.01 - EP US); **F04C 29/0035** (2013.01 - EP US)

Cited by

US10907870B2; US11808264B2

Designated contracting state (EPC)

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DOCDB simple family (publication)

WO 2005057014 A1 20050623; AT E513995 T1 20110715; CN 100526649 C 20090812; CN 1894508 A 20070110; DE 10359032 A1 20050714; EP 1702163 A1 20060920; EP 1702163 B1 20110622; ES 2366364 T3 20111019; US 2006243520 A1 20061102

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EP 2004014013 W 20041209; AT 04803671 T 20041209; CN 200480037298 A 20041209; DE 10359032 A 20031215; EP 04803671 A 20041209; ES 04803671 T 20041209; US 45170906 A 20060613