

Title (en)

Method for Cooling a Multistage Screw-Spindle Compressor

Title (de)

Verfahren zum Kühlen eines mehrstufigen Schraubenspindelverdichters

Title (fr)

Procedé pour refroidir un compresseur à plusieurs étages et à broche hélicoïdale

Publication

EP 0834018 B2 20061025 (DE)

Application

EP 96922831 A 19960618

Priority

- DE 19522559 A 19950621
- DE 19522557 A 19950621
- EP 9602631 W 19960618

Abstract (en)

[origin: US5924855A] PCT No. PCT/EP96/02631 Sec. 371 Date Dec. 15, 1997 Sec. 102(e) Date Dec. 15, 1997 PCT Filed Jun. 18, 1996 PCT Pub. No. WO97/01038 PCT Pub. Date Jan. 9, 1997The invention provides a two-rotors screw compressor having active cooling means on the pressure side of the motive rotor.

IPC 8 full level

F01C 1/16 (2006.01); **F04C 18/16** (2006.01); **F01C 21/02** (2006.01); **F04C 29/00** (2006.01); **F04C 29/02** (2006.01); **F04C 29/04** (2006.01)

CPC (source: EP KR US)

F01C 21/02 (2013.01 - EP US); **F04C 18/16** (2013.01 - EP US); **F04C 29/04** (2013.01 - EP KR US); **F04C 2240/402** (2013.01 - EP US); **F04C 2240/51** (2013.01 - EP US)

Cited by

US6544020B1

Designated contracting state (EPC)

AT BE CH DE DK ES FI FR GB GR IE IT LI LU NL PT SE

DOCDB simple family (publication)

US 5924855 A 19990720; AT E187528 T1 19991215; DE 59603870 D1 20000113; DK 0834018 T3 20000613; DK 0834018 T4 20070226; EP 0834018 A1 19980408; EP 0834018 B1 19991208; EP 0834018 B2 20061025; ES 2141515 T3 20000316; ES 2141515 T5 20070616; GR 3032683 T3 20000630; JP 3965507 B2 20070829; JP H11508015 A 19990713; KR 100424386 B1 20040715; KR 20000000512 A 20000115; PT 834018 E 20000531; TW 377384 B 19991221; WO 9701038 A1 19970109

DOCDB simple family (application)

US 98132297 A 19971215; AT 96922831 T 19960618; DE 59603870 T 19960618; DK 96922831 T 19960618; EP 9602631 W 19960618; EP 96922831 A 19960618; ES 96922831 T 19960618; GR 20000400381 T 20000216; JP 50357097 A 19960618; KR 19970709576 A 19971220; PT 96922831 T 19960618; TW 85107398 A 19960619