

Title (en)

Capacity control device for screw compressor

Title (de)

Leistungsregelungsvorrichtung für Schraubenverdichter

Title (fr)

Dispositif de contrôle de capacité pour compresseur à vis

Publication

EP 2031249 B1 20180328 (EN)

Application

EP 08014771 A 20080820

Priority

JP 2007223471 A 20070830

Abstract (en)

[origin: EP2031249A2] A capacity control device for a screw compressor comprising a capacity control valve (7), a piston rod (18) connected to the capacity control valve (7), a piston (17), and a cylinder (16) that guides the piston (17) slidably, and wherein a guide body (24) for permitting and guiding inclined movements of the piston rod (18) is provided on that end wall (22) toward the piston rod (18), which forms the cylinder (16).

IPC 8 full level

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

CPC (source: EP)

F04C 18/16 (2013.01); **F04C 28/125** (2013.01); **F04C 2230/92** (2013.01); **F05C 2251/10** (2013.01)

Cited by

EP2423508A3

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 2031249 A2 20090304; **EP 2031249 A3 20140312**; **EP 2031249 B1 20180328**; CN 101377198 A 20090304; CN 101377198 B 20120509; JP 2009057842 A 20090319; JP 4401408 B2 20100120; TR 201807695 T4 20180621; TW 200925424 A 20090616; TW I371530 B 20120901

DOCDB simple family (application)

EP 08014771 A 20080820; CN 200810210639 A 20080813; JP 2007223471 A 20070830; TR 201807695 T 20080820; TW 97129040 A 20080731