

Title (en)
Swash plate compressor

Title (de)
Taumelscheibenkompressor

Title (fr)
Compresseur à plateau en biais

Publication
EP 1164290 A2 20011219 (EN)

Application
EP 01114207 A 20010612

Priority
JP 2000178397 A 20000614

Abstract (en)
In the piston type variable displacement compressor of the present invention, in the crank chamber 5 in which the crank mechanism is arranged, the outlet 28A of the gas supply passage 28, for supplying refrigerant from the discharge chamber 22, is open at an upper position of the crank mechanism in the peripheral wall section of the housing. The control valve 29 is arranged in the middle of the gas supply passage 28, so that a flow rate of the refrigerant supplied into the crank chamber 5 via the gas supply passage 28 can be adjusted. Mist-like lubricant is mixed with the refrigerant. Therefore, even when the flow rate of the refrigerant is low, the crank chamber 5 can be excellently lubricated. <IMAGE>

IPC 1-7
F04B 27/10

IPC 8 full level
F04B 27/08 (2006.01); **F04B 27/10** (2006.01); **F04B 27/14** (2006.01)

CPC (source: EP US)
F04B 27/109 (2013.01 - EP US)

Citation (applicant)
JP H10299647 A 19981110 - SANDEN CORP

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EP1411243A1; FR2845430A1; US7520210B2; WO2004003386A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
EP 1164290 A2 20011219; EP 1164290 A3 20030702; JP 2001355570 A 20011226; US 2001053327 A1 20011220

DOCDB simple family (application)
EP 01114207 A 20010612; JP 2000178397 A 20000614; US 87859501 A 20010611