

Title (en)

CONTROLLING DEVICE FOR ROTARY PISTON COMPRESSOR

Publication

EP 0392231 A3 19910109 (DE)

Application

EP 90105480 A 19900323

Priority

DE 3911541 A 19890408

Abstract (en)

[origin: EP0392231A2] A control device for a rotary piston compressor contains a housing (2) and a pressure chamber (6) into which a duct (26) opens. The duct (26) can be connected in particular to a return line (28), which opens into an inlet chamber (4). The object is to be able to predefine the pressure characteristic by simple means at little manufacturing expense. It is proposed that the duct (26) be connected to a housing section (20) which has a rotary slide valve (22) with at least one recess (24, 25, 27). The duct (26) can be connected with a pilot inlet (30) and/or with the return line (28) via this recess (24, 25, 27) according to the angular position of the rotary slide valve (22). <IMAGE>

IPC 1-7

F04C 29/08; **F04C 18/10**; **F02B 33/36**

IPC 8 full level

F04C 18/113 (2006.01); **F02B 33/36** (2006.01); **F04C 18/10** (2006.01); **F04C 28/06** (2006.01); **F04C 28/10** (2006.01); **F04C 28/14** (2006.01); **F04C 28/26** (2006.01); **F04C 29/06** (2006.01); **F04C 29/12** (2006.01)

IPC 8 main group level

F04C (2006.01)

CPC (source: EP)

F04C 28/26 (2013.01)

Citation (search report)

- [A] DE 1024196 B 19580213 - BORSIG AG, et al
- [A] DE 3528502 A1 19870219 - PIERBURG GMBH & CO KG [DE]
- [A] EP 0118039 A1 19840912 - HITACHI LTD [JP]
- [A] US 1859264 A 19320517 - ARNOLD ZOLLER
- [A] DE 423832 C 19260112 - ARNOLD ZOLLER
- [A] DE 285468 C
- PATENT ABSTRACTS OF JAPAN, unexamined applications, M Sektion, Band 9, Nr. 187, 3. August 1985 THE PATENT OFFICE JAPANESE GOVERNMENT Seite 89 M 401 * JP - A - 60 - 53 692 (MATSUSHITA) *
- PATENT ABSTRACTS OF JAPAN, unexamined applications, M Sektion, Band 7, Nr. 165, 20. Juli 1983 THE PATENT OFFICE JAPANESE GOVERNMENT Seite 127 M 230 * JP - A - 58 - 72 687 (JIDOSHA) *

Designated contracting state (EPC)

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DOCDB simple family (publication)

DE 3911541 C1 19900329; BR 9001635 A 19910507; EP 0392231 A2 19901017; EP 0392231 A3 19910109; JP H02298691 A 19901211; ZA 902653 B 19910130

DOCDB simple family (application)

DE 3911541 A 19890408; BR 9001635 A 19900406; EP 90105480 A 19900323; JP 9133590 A 19900405; ZA 902653 A 19900405