

Title (en)
Method for starting a piston compressor.

Title (de)
Startverfahren für einen Kolbenverdichter

Title (fr)
Procédé de démarrage pour un compresseur à piston.

Publication
EP 1662143 A3 20081119 (DE)

Application
EP 05025299 A 20051119

Priority
DE 102004057467 A 20041129

Abstract (en)
[origin: EP1662143A2] The starting process for piston compressor (1) containing a piston (2) involves a returning failures creating a returning torque (AR) towards a compression point of the piston setting (S). The returning torque is held long enough for the compressor to be moved to the starting position by a fluid expelled from the compression cavity (9) through at least one leakage point (16) to overcome an inertia .to reach the starting position.

IPC 8 full level
F04B 49/02 (2006.01); **F04B 49/20** (2006.01); **F04B 53/14** (2006.01)

CPC (source: EP US)
F04B 49/02 (2013.01 - EP US); **F04B 2201/0201** (2013.01 - EP US); **F04B 2201/1208** (2013.01 - EP US); **F04B 2203/0207** (2013.01 - EP US); **F04B 2203/0209** (2013.01 - EP US)

Citation (search report)

- [A] DE 10023523 C1 20011213 - VACUUBRAND GMBH & CO KG [DE]
- [A] EP 1278298 A2 20030122 - NETZSCH MOHNOPUMPEN GMBH [DE]
- [A] DE 2502158 A1 19760722 - STIEBEL ELTRON GMBH & CO KG
- [A] DE 8702221 U1 19870409
- [A] DE 843135 C 19520707 - MANNESMANN FA A

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK YU

DOCDB simple family (publication)
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