

Title (en)
CONTROL APPARATUS FOR ROTARY AIR COMPRESSORS

Publication
EP 0320684 A3 19900110 (EN)

Application
EP 88119793 A 19881128

Priority
IT 2300987 A 19871215

Abstract (en)
[origin: EP0320684A2] A control apparatus for an oil-sealed rotary air compressor. The control cylinder (21) for the intake valve (18) of the compressor (10) can be connected to the oil chamber (12) through a first oil path (23, 28) comprising a servovalve (24) operated by the pressurized oil, and also through a branched-off path (32) comprising an idling valve (25) for switching the compressor into the idling working condition, which is held closed by the same pressure of the oil in the compressor (10), said idling valve (25) comprising fluid operated control means (38) connected to the oil separator (13) through a solenoid valve (40) controlled by a pressure switch (42) which senses the pressure of the air delivered by the compressor.

IPC 1-7
F04C 29/10

IPC 8 full level
F04C 28/24 (2006.01)

IPC 8 main group level
F04B (2006.01)

CPC (source: EP)
F04C 28/24 (2013.01)

Citation (search report)
• [A] GB 1486941 A 19770928 - HYDROVANE COMPRESSOR
• [A] FR 2392258 A1 19781222 - HYDROVANE COMPRESSOR [GB]
• [A] DE 2516582 A1 19751030 - HYDROVANE COMPRESSOR
• [A] US 2722395 A 19551101 - BARON BOYCE GUY

Cited by
AT401551B

Designated contracting state (EPC)
AT BE CH DE ES FR GB GR LI LU NL SE

DOCDB simple family (publication)
EP 0320684 A2 19890621; EP 0320684 A3 19900110; EP 0320684 B1 19930915; AT E94619 T1 19931015; DE 3884162 D1 19931021; DE 3884162 T2 19940505; ES 2046276 T3 19940201; IT 1223469 B 19900919; IT 8723009 A0 19871215

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