

Title (en)

Control apparatus for rotary air compressors.

Title (de)

Regelungseinrichtung für Drehkolben-Luftverdichter.

Title (fr)

Dispositif de contrôle pour compresseurs rotatifs à air.

Publication

EP 0320684 A2 19890621 (EN)

Application

EP 88119793 A 19881128

Priority

IT 2300987 A 19871215

Abstract (en)

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.

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IPC 8 main group level

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