

Title (en)

ROTOR COMPRESSOR, ESPECIALLY SCREW ROTOR COMPRESSOR, WITH LUBRICANT SUPPLY TO AND DRAINAGE THEREOF FROM THE BEARINGS

Publication

EP 0030619 B1 19850102 (DE)

Application

EP 80106829 A 19801106

Priority

DE 2948992 A 19791205

Abstract (en)

[origin: US4394113A] An improved rotor compressor, particularly a screw-type compressor, for compressing a gas is disclosed. The compressor is provided with a housing having an annular drain space surrounding rotor shafts at a location between each shaft bearing and the working space for removing escaping lubricant and gas. The drain space is connected through a drain passage to a closed collecting chamber which is substantially under the intake pressure of the compressor. A return passage is provided for returning gas to at least one of the intake and the working space of the compressor and for returning lubricant to a lubrication circuit.

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IPC 8 full level

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CPC (source: EP US)

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Citation (examination)

- DD 105868 A1 19740512
- FR 1564294 A 19690418
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- DE 733959 C 19430406 - KLEIN SCHANZLIN & BECKER AG
- US 2721747 A 19551025 - WHITFIELD JOSEPH E

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