

Title (en)

Rotating piston compressor or rotating piston pump

Title (de)

Rotationskolbenverdichter bzw. Rotationskolbenpumpe

Title (fr)

Compresseur à pistons rotatifs ou pompe à pistons rotatifs

Publication

EP 2613052 B1 20150923 (DE)

Application

EP 12000060 A 20120105

Priority

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Abstract (en)

[origin: EP2613052A1] The rotation piston pump or rotation piston compressor has two rotor units that are arranged in a housing with suction- and discharge opening in centrally mounted axially parallel manner, where a rotatable shaft is provided with a rotatably arranged disk (10,14). The disk is circularly formed and has a piston. A cylinder chamber is subdivided by an intermediate ring (3) that is arranged between two adjacent housing components (1,2). The intermediate ring protrudes in an intermediate space between two mirror-symmetrically arranged piston sections (10b,14b).

IPC 8 full level

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CPC (source: EP)

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