



TECHNOLOGY

Axial Piston Compressor

OVERVIEW

The most common type of compressor used in refrigerators is the reciprocating compressor due primarily to its ease of production. However, the rotational shaft motion of such compressors result in mechanical loss, noise and vibration; reciprocating compressors also require a large number of parts and significant radial size. The above disadvantages of reciprocating compressors are aggravated when such compressors are used with modern high pressure refrigerants. The present invention is an axial piston compressor without a connecting rod that results in greater efficiency, lower cost, less noise and fewer parts.

For additional information please contact the Office of Technology Commercialization, University of Maryland, College Park, MD 20742.

Phone (301) 405-3947. E-mail: otc@umd.edu

CONTACT INFO

UM Ventures
0134 Lee Building
7809 Regents Drive
College Park, MD 20742
Email: umdtechtransfer@umd.edu
Phone: (301) 405-3947 | Fax: (301) 314-9502

Additional Information

INSTITUTION

University of Maryland, College Park

PATENT STATUS

Patent(s) pending

LICENSE STATUS

Available for exclusive license

CATEGORIES

- Industrial Processing

EXTERNAL RESOURCES

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