

Title (en)
HERMETIC COMPRESSOR

Title (de)
HERMETISCHER VERDICHTER

Title (fr)
COMPRESSEUR HERMETIQUE

Publication
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Application
EP 05703790 A 20050112

Priority
• JP 2005000553 W 20050112
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Abstract (en)
[origin: WO2005088127A1] The present invention relates to a hermetic compressor that stores oil (106), and houses compression mechanism (105) that compresses a refrigerant gas, in housing (101). Piston (140) is formed with at least two grooves (144) that do not include the edges of top surface (142) and skirt surface (143), on outer circumferential surface (145) of the piston, where groove (144) communicates with the space in housing (101), at least near the bottom dead center. Such a makeup allows the sliding part to be supplied with oil through groove (144), increasing efficiency owing to high sealability and a low sliding loss.

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