

Title (en)  
REFRIGERATION COMPRESSOR

Title (de)  
KÜHLVERDICHTER

Title (fr)  
COMPRESSEUR DE RÉFRIGÉRATION

Publication  
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Application  
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Abstract (en)  
The present invention relates to a thermally efficient refrigeration compressor, comprising a housing which surrounds the component parts of the compressor and a heat accumulating material occupying a volume internal (4, 7, 15, 18, 23, 27) or adjacent (9, 11, 30, 32, 37) to the compressor housing. Accordingly, the present invention takes advantage of the thermodynamics existing between the compressor and the refrigeration system, achieving a reduction of the internal temperatures reliably and efficiently and consequently improving the performance of the compressor.

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