

Title (en)

Motor-compressor unit with its cylinder head formed in parts of different materials.

Title (de)

Motorverdichtereinheit mit dem Zylinderkopf zusammengesetzt aus Teilen verschiedener Materialien.

Title (fr)

Unité moteur-compresseur avec la culasse composée en partie de matériaux différents.

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Application

EP 92103641 A 19920303

Priority

IT MI910170 U 19910305

Abstract (en)

A motor-compressor unit (1), in particular for a refrigerator, comprises a cylinder head (10) fixed onto a cylinder body (5), between said cylinder head (10) and body (5) there being interposed a plate (11) with which usual valves (14, 15) are associated, acting on an intake port (12) and a delivery port (13). According to the invention, the cylinder head (10) is formed of at least two mutually coupled hollow portions (21, 22), at least one of said portions (22) being constructed of a material of low thermal conductivity. The two portions (21, 22) of the cylinder head (10) are physically separated from each other. One of them (22) comprises at least one cavity acting as the intake cavity, the other portion having at least One cavity acting as the discharge cavity. <IMAGE>

IPC 1-7

F04B 39/12

IPC 8 full level

F04B 39/12 (2006.01)

CPC (source: EP)

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Citation (search report)

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DOCDB simple family (publication)

EP 0502487 A1 19920909; EP 0502487 B1 19950517; AR 247442 A1 19941229; BR 9200703 A 19921110; DE 69202495 D1 19950622; DE 69202495 T2 19960201; IT 221682 Z2 19940913; IT MI910170 U1 19920905; IT MI910170 V0 19910305

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