

Title (en)

IMPROVED ROTOR FOR USE IN AN ELECTRIC MOTOR OF A HERMETIC COMPRESSOR

Title (de)

VERBESSERTER ROTOR ZUR VERWENDUNG IN EINEM ELEKTRISCHEN MOTOR EINES HERMETISCHEN VERDICHTERS

Title (fr)

ROTOR AMÉLIORÉ DESTINÉ À ÊTRE UTILISÉ DANS UN MOTEUR ÉLECTRIQUE D'UN COMPRESSEUR HERMÉTIQUE

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2016070898A1] The present invention relates to a rotor (1) for use in an electric motor (2) of a hermetically sealed compressor (3). The rotor (1) comprises a core (8) which has a through hole (9) for receiving the crankshaft (6) of the compressor (3). The motor (2) comprises a stator (10) which has a core (11) with a height H1. The rotor core (8) comprises an outer diameter portion (14) which has a height H1 and an inner diameter portion (15) which has a height H2 for receiving the crankshaft (6) by press-fitting.

IPC 8 full level

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