

Title (en)
MOTOR-OPERATED COMPRESSOR

Title (de)
MOTORBETRIEBENER KOMPRESSOR

Title (fr)
COMPRESSEUR MOTORISÉ

Publication
EP 3604735 A3 20200527 (EN)

Application
EP 19189778 A 20190802

Priority
• KR 20180090941 A 20180803
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Abstract (en)
A motor-operated compressor according to the present disclosure includes a first scroll performing an orbiting motion, a second scroll coupled to the first scroll to form a compression chamber with the first scroll and radially supporting a rotation shaft, a main housing coupled to the second scroll outside the second scroll, and coupled with a driving motor to form a motor chamber, the main housing including an opened end at one side of the motor chamber, a frame portion formed at another side of the motor chamber to axially support the second scroll, and a first bearing portion formed through the frame portion so that the rotation shaft is inserted therethrough to be radially supported, and an inverter housing coupled to the opened end of the main housing to seal the motor chamber, whereby a main frame can be easily formed and a compressor fabrication process can be simplified.

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Citation (search report)
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