

Title (en)
VERSATILE HOUSING OF COMPRESSOR MOTORS

Title (de)
VIELSEITIGES GEHÄUSE VON VERDICHTERMOTOREN

Title (fr)
BOÎTIER POLYVALENT DE MOTEURS DE COMPRESSEUR

Publication
EP 3692262 B1 20230503 (EN)

Application
EP 18779267 A 20180918

Priority
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Abstract (en)
[origin: US2019093648A1] The present disclosure pertains to systems and methods for a compressor assembly configured to operatively couple to motor stators having different dimensions in a reciprocating compressor. The compressor includes a cylinder, crankshaft housing, crankshaft, rod assembly, motor, and motor housing. The motor housing may operatively couple to an outer or inner surface of the crankshaft housing. The motor housing may include a pair of generally cylindrical shells, each with inner and outer sidewalls. The pair of shells may include a portion interposed there-between. The generally cylindrical shells may have different thicknesses, axial lengths, and/or radial lengths.

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