CLAIMS

1. A hermetic compressor, comprising:

a motor;

a pump assembly coupled to the motor;

a housing in which the motor and the pump assembly are received; and

a suspension spring, comprising:

a series of coils, wherein in an unassembled state, at least a portion of a first coil in the series of coils is at a greater angle of inclination relative to a transverse plane of the suspension spring than successive coils in the series of coils,

wherein the at least a portion of the first coil in the series of coils is received in a space between a bolt head of a stator bolt and a stator of the motor and the at least a portion of the first coil in the series defines a circumference that is smaller than that of the bolt head of the stator bolt such that the at least first a portion of the first coil is held between the bolt head and the stator.

2. The hermetic compressor of claim 1, wherein in the unassembled state, the at least a portion of the first coil in the series of coils is at an angle of inclination of between 20 degrees (°) and 80° with respect to a longitudinal axis of the suspension spring.

3. The hermetic compressor of claim 1 or 2, wherein the at least a portion of the first coil in the series of coils defines a circumference that is smaller than that of a bolt head over which the suspension spring is to be received.

4. The hermetic compressor of any one of the preceding claims, wherein a diameter of the first coil in the series of coils is smaller than that of the successive coils in the series of coils.

5. The hermetic compressor of any one of the preceding claims, wherein the series of coils defines a conical shape.

6. The hermetic compressor of any one of the preceding claims, wherein the series of coils defines a cylindrical shape.