

ABSTRACT

A process for magnetizing the permanent magnets of an electric motor rotor and a process for assembling a hermetic compressor motor, whose stator (30) carries a plurality of coils (40), said rotor being operationally positioned with a determined relative angular position in relation to the stator (30) prior to the energization, from an external current source, of a determined number of coils (40) of said stator (30) with a current pulse having a required intensity to generate a magnetic field which produces a homogeneous magnetization transversely oriented in at least one magnetic sector, said current pulse being maintained during a shorter time than that which impairs the coils of said stator (30).



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