

PCT/BR 00/00024

ABSTRACT

An improvement in a starting system for an electric motor, which drives a hermetic compressor of refrigeration and comprises a main winding (1), and an auxiliary winding (2), which are energized by an electric current source (3), through a hermetic terminal (40) affixed to the outside of the compressor shell, the auxiliary winding (2) having a terminal connected to the electric current source (3) through a starting device (10) mounted inside the compressor shell and in series with a fusible element (20) to be opened when submitted to an electric current, in order to definitively interrupt the energization of the auxiliary winding (2) by means of the starting device (10), said hermetic terminal (40) being designed to receive an external starting device (50), in order to promote the selective connection between said other terminal of the auxiliary winding (2) and the electric current source (3) upon the definitive opening of the circuit defined by the fusible element (20) and the starting device (10).