

Title (en)

METHOD FOR STOPPING A HERMETIC REFRIGERANT COMPRESSOR AND CONTROL SYSTEM FOR SAME

Title (de)

VERFAHREN ZUM ANHALTEN EINES HERMETISCH GEKAPSELTEN KÄLTEMITTELVERDICHTERS UND STEUERUNGSSYSTEM FÜR DIESEN

Title (fr)

PROCÉDÉ D'ARRÊT D'UN COMPRESSEUR HERMÉTIQUE DE RÉFRIGÉRANT ET SON SYSTÈME DE COMMANDE

Publication

EP 3256726 B1 20190904 (DE)

Application

EP 16703334 A 20160209

Priority

- EP 15154373 A 20150209
- EP 2016052736 W 20160209

Abstract (en)

[origin: WO2016128405A1] Method for stopping a hermetically encapsulated refrigerant compressor (1) having a hermetically sealed housing (7), arranged therein a reciprocating piston/cylinder unit (2) which comprises a crankshaft (3), and an electric motor (4) which drives the crankshaft (3), and a control unit (5) which controls the electric motor (4), wherein the control unit (5) operates the electric motor (4) if an operating signal, preferably a frequency signal, is present, and detects the termination of the operating signal. It is provided that, after the detection of the termination of the operating signal, a rotational speed (V) of the crankshaft (3) is reduced by means of the electric motor (4) with a reduction rate over a time duration (I), wherein the time duration (I) is determined in a manner which is dependent on the last operating signal before it is terminated.

IPC 8 full level

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CPC (source: EP)

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Citation (opposition)

Opponent : Embraco Industria de Compressores e Soluções em Refrigeração Ltda.

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