

Title (en)

METHOD FOR SELECTING A FREQUENCY CONVERTER FOR A COOLANT COMPRESSOR UNIT

Title (de)

VERFAHREN ZUR AUSWAHL EINES FREQUENZUMRICHTERS FÜR EINE KÄLTEMITTELVERDICHTEREINHEIT

Title (fr)

PROCÉDÉ POUR SÉLECTIONNER UN CONVERTISSEUR DE FRÉQUENCE POUR UNE UNITÉ À COMPRESSEUR FRIGORIFIQUE

Publication

EP 3449565 A1 20190306 (DE)

Application

EP 16718356 A 20160425

Priority

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Abstract (en)

[origin: WO2017186259A1] In order to improve a method for selecting a frequency converter for a coolant compressor unit, comprising a coolant compressor and an electric drive motor, in such a way that the frequency converter is selected in an application-optimised manner, according to the invention: a working state that is suitable for the operation of the coolant compressor unit is selected in a field of application of an application diagram of the coolant compressor; an operating frequency is selected for this selected working state; and, from drive data, a working state operating current value corresponding to the selected working state and the selected operating frequency is determined for the operation of the coolant compressor unit.

IPC 8 full level

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Citation (search report)

See references of WO 2017186259A1

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