

Title (en)
VACUUM PUMP DRIVE HAVING TWO FREQUENCY CONVERTERS

Title (de)
VAKUUMPUMPENANTRIEB MIT ZWEI FREQUENZUMRICHTERN

Title (fr)
ENTRAÎNEMENT DE POMPE À VIDE À DEUX CONVERTISSEURS DE FRÉQUENCE

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EP 3403326 A1 20181121 (DE)

Application
EP 16819936 A 20161223

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Abstract (en)
[origin: WO2017121611A1] The invention relates to a vacuum pump drive comprising an electric motor (12) driving the rotor of a vacuum pump, a first frequency converter (16) connected to the electric motor (12) and designed to generate a motor input voltage for driving the electric motor (12) from a network supply voltage, at least one second frequency converter (18) that is also designed to generate a motor input voltage of a variable frequency from a network supply voltage, in order to drive the motor according to the frequency of the motor input voltage, characterised in that the second frequency converter (18) is provided with a measuring device (24), which is provided for measuring the motor input voltage generated by the first frequency converter (16) and/or the related motor input current, in order to synchronise the second frequency converter (18) with the first frequency converter (16).

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Citation (search report)
See references of WO 2017121611A1

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