

Abstract

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, characterized 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 synchronize the second frequency converter (18) with the first frequency converter (16).