

Abstract

The invention relates to a vacuum pump (1) comprising: -
a heating module (5) comprising at least one electrical
5 heating element (6) which is configured to heat the
stator (4) of the vacuum pump (1) when it is electrically
powered, characterised in that the heating module (5)
further includes a heating control unit (8) which is
configured to: - measure the value of a parameter
10 representative of the voltage of the electrical network
to which the vacuum pump (1) is electrically connected,
- supply a supply voltage (U) to the at least one heating
element (6) by adapting the electrical power of the
electrical network by taking into account the measured
15 value of the parameter representative of the voltage of
the electrical network (U_{res}) in order to reach a
predetermined setpoint temperature.