

Title (en)
METHOD OF ADJUSTING VACUUM PERFORMANCE

Title (de)
VERFAHREN ZUR EINSTELLUNG DER VAKUUMLEISTUNG

Title (fr)
PROCÉDÉ D'AJUSTEMENT DE PERFORMANCE SOUS VIDE

Publication
EP 4223199 A1 20230809 (EN)

Application
EP 22154811 A 20220202

Priority
EP 22154811 A 20220202

Abstract (en)
A method of operating a vacuum device includes operating the vacuum device. Voltage is provided to a turbine of the vacuum device to spin a rotary element of the turbine. A flow of air is drawn through a portion of the vacuum device in response to spinning the rotary element of the turbine. A pressure difference between a first location inside the vacuum device and a second location inside the vacuum device. The first location is disposed upstream relative to a direction of the flow of air from the turbine. The first location is also disposed downstream relative to the direction of the flow of air from a filter element of the vacuum device. An amount of voltage across the turbine is adjusted in response to the measured pressure difference. A performance characteristic of the turbine is monitored.

IPC 8 full level
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CPC (source: EP)
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Citation (search report)

- [XA] DE 102013108559 A1 20150212 - MIELE & CIE [DE]
- [XA] DE 102012102631 A1 20131002 - KAERCHER GMBH & CO KG ALFRED [DE]
- [XA] DE 4304264 A1 19940818 - SIEMENS AG [DE]

Designated contracting state (EPC)
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Designated extension state (EPC)
BA ME

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