

Title (en)

METHOD FOR DETERMINING AN OVERALL LEAKAGE RATE OF A VACUUM SYSTEM AND VACUUM SYSTEM

Title (de)

VERFAHREN ZUR BESTIMMUNG EINER GESAMT-LECKRATE EINER VAKUUMANLAGE SOWIE VAKUUMANLAGE

Title (fr)

PROCÉDÉ POUR DÉTERMINER UN TAUX DE FUITE GLOBAL D'UNE INSTALLATION DE VIDE ET INSTALLATION DE VIDE

Publication

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Application

**EP 09781528 A 20090805**

Priority

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Abstract (en)

[origin: WO2010015663A1] A method for determining an overall leakage rate of a vacuum system can be operated continuously or cyclically. The vacuum system comprises at least one process chamber (10) and a pumping device (16) connected to the process chamber (10). In a cyclical determination method according to the invention, the following steps are taken: suppressing a process gas feed to the process chamber (10), feeding a carrier gas to the process chamber (10), conveying the carrier gas and a leakage gas using the pumping device (16), measuring an amount of a gas component in the pumped gas, and determining the overall leakage rate of the vacuum system based on the measured amount of the gas component.

IPC 8 full level

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Citation (search report)

See references of WO 2010015663A1

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