

Title (en)

METHOD FOR DETERMINING A STATEMENT OF A STATE OF A TURBOMOLECULAR PUMP AND A TURBOMOLECULAR PUMP

Title (de)

VERFAHREN ZUR ERMITTLUNG EINER AUSSAGE ÜBER EINEN ZUSTAND EINER TURBOMOLEKULARPUMPE SOWIE EINE TURBOMOLEKULARPUMPE

Title (fr)

PROCÉDÉ PERMETTANT DE DÉTERMINER UNE INDICATION DE L'ÉTAT D'UNE POMPE TURBOMOLÉCULAIRE ET POMPE TURBOMOLÉCULAIRE

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Abstract (en)

[origin: WO2008012150A1] The invention relates to a method for determining a statement of a state of a turbomolecular pump and a turbomolecular pump, wherein a vibration curve is determined with a vibration sensor (10) connected to the turbomolecular pump. The determined vibration curve is transferred to an evaluation device (12), wherein vibrations are detected by a filter (16) in the evaluation device (12) and then compared to comparative values. If a threshold value is exceeded, a warning signal is transferred to a monitoring system (30) by a remote data transfer device (28). The method allows for online-monitoring of turbomolecular pumps.

IPC 8 full level

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