

Title (en)

Rotary vacuum pump, structure and method for the balancing thereof

Title (de)

Rotationsvakuumpumpe und ihr Auswuchtverfahren

Title (fr)

Pompe à vide rotative et son procédé d'équilibrage

Publication

**EP 1619395 B1 20100310 (EN)**

Application

**EP 04103445 A 20040720**

Priority

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Abstract (en)

[origin: EP1619395A1] A rotary vacuum pump (101; 201) comprising displacement sensors (121A - 121F; 221A - 221F), variously coupled to the pump basement (103; 203) and arranged close to the pump rotor (113; 213) and/or to the rotating shaft (105; 205) thereof, the sensors being turned towards it (them) and being perpendicular thereto, in order to detect non-homogeneous distributions, if any, of masses of said rotor (113; 213) with respect to its rotation axis. The invention also concerns a structure for and a method of balancing a rotary pump.

IPC 8 full level

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CPC (source: EP US)

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Citation (examination)

DE 19627921 A1 19980115 - LEYBOLD VAKUUM GMBH [DE]

Cited by

EP3135919A1; EP2520807A3; US10968909B2; WO2017025722A1

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