

Title (en)

Method for producing a rotor assembly for a vacuum pump and rotor assembly for a vacuum pump

Title (de)

Verfahren zur Herstellung einer Rotoranordnung für eine Vakuumpumpe und Rotoranordnung für eine Vakuumpumpe

Title (fr)

Procédé de fabrication d'un rotor pour une pompe à vide et rotor pour une pompe à vide

Publication

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Application

EP 14197861 A 20141215

Priority

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Abstract (en)

[origin: JP2015137648A] PROBLEM TO BE SOLVED: To provide a process for manufacture of a rotor device for a vacuum pump, in particular, a turbo molecular pump that can accommodate for a high pump performance and that can be driven under a high rotational speed and a high torque without any danger. SOLUTION: A problem described above is solved by a process for manufacture of a rotor device for a vacuum pump, in particular a turbo molecular pump including one rotor shaft (10), at least one rotor disk (12) connected to the rotor shaft (10), and at least one reinforcing ring (14) enclosing the rotor disk (12). In this case, the method of this invention includes a pressing contact connection in one cross sectional direction, in particular an extension pressing contact connection or a shrinkage pressing contact connection formed between the reinforcing ring (14) and the rotor disk (12).

IPC 8 full level

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CPC (source: EP)

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