

Title (en)

Rotor assembly for a vacuum pump and method for producing the same

Title (de)

Rotoranordnung für eine vakuumpumpe und verfahren zur herstellung derselben

Title (fr)

Rotor pour une pompe à vide et son procédé de fabrication

Publication

EP 3034880 B1 20191016 (DE)

Application

EP 14197977 A 20141215

Priority

EP 14197977 A 20141215

Abstract (en)

[origin: CN105697395A] The invention relates to a rotor assembly for a vacuum pump and especially for a turbomolecular pump. The rotor assembly comprises a rotor shaft and at least one rotor disk. The rotor disk comprises an accommodating opening for accommodating the center of the rotor shaft. The rotor disk is arranged on the rotor shaft. A mechanical connection is built between the rotor disk and the rotor shaft. The rotor assembly is characterized in that mechanical connection is achieved through a heat joint method.

IPC 8 full level

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CPC (source: CN EP)

F04D 19/042 (2013.01 - CN EP); **F04D 29/266** (2013.01 - EP); **F04D 29/32** (2013.01 - CN); **F04D 29/321** (2013.01 - EP); **F04D 29/644** (2013.01 - EP)

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