

Title (en)  
ROTOR DEVICE FOR A VACUUM PUMP, AND VACUUM PUMP

Title (de)  
VAKUUMPUMPEN-ROTOREINRICHTUNG SOWIE VAKUUMPUMPE

Title (fr)  
DISPOSITIF À ROTOR DE POMPE À VIDE ET POMPE À VIDE

Publication  
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Application  
**EP 14796740 A 20141105**

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Abstract (en)  
[origin: WO2015071143A1] A rotor device for a vacuum pump comprises a rotor shaft (10) and at least one rotor element (12) on the rotor shaft (10). According to the invention, the at least one rotor element (12) contains aluminum, titanium and/or CFRP, while the rotor shaft (10) contains a chromium-nickel steel. This makes it in particular possible to join the at least one rotor element (12) to the rotor shaft (10) at room temperature using a pressing process.

IPC 8 full level  
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• US 2009246038 A1 20091001 - KAWASAKI HIROYUKI [JP], et al  
• US 2001018018 A1 20010830 - CONRAD ARMIN [DE], et al

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