

Title (en)  
Rotor for a vacuum pump

Title (de)  
Rotor für eine Vakuumpumpe

Title (fr)  
Rotor pour une pompe à vide

Publication  
**EP 2375074 B1 20171108 (DE)**

Application  
**EP 11001295 A 20110217**

Priority  
DE 102010012759 A 20100325

Abstract (en)  
[origin: EP2375074A2] The rotor has a piston (38) comprising cover plates (42, 44) that are connected with a front end of a cladding body (40). The cover plates include respective transition plates (422, 442) that are connected with respective closing plates (420, 440) by a screw (60). The screw is held in an element that provides relative movements between the closing and transition plates. The transition plates are made of metal. The cover plates and the cladding body are made of fiber-reinforced composite material. The closing plates und the cladding body are vacuum-tightly connected with one another. An independent claim is also included for a vacuum pump comprising a cladding body.

IPC 8 full level  
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CPC (source: EP)  
**F04C 18/126** (2013.01); **F04C 25/02** (2013.01); **F04C 2240/20** (2013.01)

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DOCDB simple family (publication)  
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