

Title (en)  
Rotor of a vacuum vane pump

Title (de)  
Rotor einer Flügelzellen-Vakuumpumpe

Title (fr)  
Rotor de pompe à vide à palettes

Publication  
**EP 1614900 A2 20060111 (EN)**

Application  
**EP 04021482 A 20040909**

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KR 20040052202 A 20040706

Abstract (en)  
The present invention relates to a pump rotor of a vacuum pump for a vehicle capable of decreasing a friction force between a pump housing and a pump vane, and a pump rotor and enhancing durability in such a manner that a lubricant supply structure of a pump rotor is enhanced. In a vacuum pump that includes a shaft, a pump rotor that has a shaft hole, a plurality of vanes that are assembled to a vane sliding groove of the pump rotor, and a pump housing, there is provided a pump rotor comprising a concave groove part that is formed in a lateral surface of the pump rotor and is not connected with the vane sliding groove but is connected with the shaft hole for thereby forming an oil storing part therein.

IPC 8 full level  
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Cited by  
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