

Title (en)  
Centrifugal pump and a static seal thereof

Title (de)  
Kreispumpendichtung

Title (fr)  
Système d'étanchéité pour pompe centrifuge

Publication  
**EP 1724470 A2 20061122 (EN)**

Application  
**EP 06405187 A 20060428**

Priority  
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Abstract (en)  
The present invention relates to a centrifugal pump and a static seal of the dynamic sealing thereof. The invention especially relates to modifying the attachment of said static seal and a seal cover acting as a counter ring thereof in such a way that, for example, when the static seal wears, the clearance thereof can be adjusted without a need to stop the pump. A characteristic feature of a centrifugal pump in accordance with the invention, comprising, among other things, a pump housing (72), a shaft (12), an impeller arranged on the shaft and a dynamic seal (30, 32) arranged in connection with the shaft (12), and a static seal arranged in connection with the shaft (12) behind the dynamic seal as seen from the impeller, said static seal comprising a flexible seal means (50) on the shaft (12) and a stationary counter ring thereof, is that a seal cover (62) including a stationary counter ring (60) is adjustable in the axial direction of the pump.

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