

Title (en)  
SEALING ELEMENT

Title (de)  
DICHTELEMENT

Title (fr)  
ELEMENT D'ETANCHEITE

Publication  
**EP 0864046 A1 19980916 (EN)**

Application  
**EP 96938985 A 19961126**

Priority  
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Abstract (en)  
[origin: WO9720144A1] The invention concerns a sealing element for the establishment of a sealing in a pump, in which a rotatable shaft (2) extends through a shaft hole (11) and through an internal tooth wheel (9) arranged in a pump chamber (7). The sealing element (19) comprises a first fixed sealing ring (20) having a breast (22) bearing against a side wall (5, 6) of the pump chamber, and a second flexible sealing ring (21) arranged between the rotatable shaft (2) and the first sealing ring (20). Preferably, the first sealing ring has a collar (24), the second sealing ring being arranged between the rotatable shaft and said collar. The invention is characterised in that the mounting height of the sealing element in the pump is very small. This is caused by the fact that the second sealing ring is arranged between the first sealing ring and the rotatable shaft, and that the breast of the first sealing ring is bearing direct against the first side wall.

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