

Title (en)  
Radial centrifugal pump

Title (de)  
Radialkreiselpumpe

Title (fr)  
Pompe centrifuge radiale

Publication  
**EP 0618368 B1 19960424 (DE)**

Application  
**EP 94102697 A 19940223**

Priority  
DE 4309479 A 19930324

Abstract (en)  
[origin: EP0618368A1] The invention relates to a radial-flow centrifugal pump having a bladed impeller which, on its circumference, is surrounded by fixed guide vanes (diffuser blades), wherein - one or two guide vanes, with their leading, inner vane edge are situated close to the impeller and the gap between the leading inner vane edge and the impeller is up to 4 mm, preferably 2 mm, - and the gap between the leading vane edges of the remaining guide vanes and the impeller circumference is at least double the gap (b) of the proximal guide vanes (n). <IMAGE>

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**F04D 29/44**

IPC 8 full level  
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**F04D 29/448** (2013.01); **F05D 2250/52** (2013.01)

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