

Title (en)  
IMPELLER FOR A SIDE CHANNEL PUMP

Title (de)  
LAUFRAD FÜR SEITENKANALPUMPE

Title (fr)  
ROUE MOBILE POUR POMPE REGENERATIVE

Publication  
**EP 1451473 B1 20091209 (DE)**

Application  
**EP 02781137 A 20021014**

Priority  
• DE 0203898 W 20021014  
• DE 10160199 A 20011207

Abstract (en)  
[origin: WO03050419A1] A profiled section (14) comprising struts (15) is located on the outer periphery of an impeller (4) for a feed pump (2) that is configured as a side channel pump. The struts (15) are arranged at an ascending incline, viewed in the rotational direction of the impeller (4) from the designated pressure side to the designated intake side. This permits flow losses between the radial external region of the impeller (4) and the housing parts (6, 7) of the feed pump (2) to be maintained at a particularly low level.

IPC 8 full level  
**F04D 29/18** (2006.01)

CPC (source: EP US)  
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