

Title (en)  
SIDE CHANNEL PUMP

Title (de)  
SEITENKANALPUMPE

Title (fr)  
POMPE REGENERATIVE

Publication  
**EP 1131560 B1 20060322 (DE)**

Application  
**EP 00969250 A 20000826**

Priority  
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• EP 0008334 W 20000826

Abstract (en)  
[origin: US6481958B1] In a feed pump designed as a side-channel pump, a blade chamber of an impeller has a contour which is formed by a radius and in which, as seen from the contour, the origin of the radius is located behind a center line of the blade chamber. A circulation flow thereby passes into the blade chamber with particularly low turbulences. The feed pump has particularly high efficiency as a result.

IPC 8 full level  
**F04D 5/00** (2006.01); **F04D 29/18** (2006.01); **F04D 7/02** (2006.01); **F04D 29/24** (2006.01)

CPC (source: EP KR US)  
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