

Title (en)  
Rotor blade and flow machine

Title (de)  
Laufschaufel und Strömungsmaschine

Title (fr)  
Aube mobile et turbomachine

Publication  
**EP 2597266 B1 20140827 (DE)**

Application  
**EP 11190041 A 20111122**

Priority  
EP 11190041 A 20111122

Abstract (en)  
[origin: EP2597266A1] The blade (1) has a blade root (2), a blade leaf (4) and a blade neck (6) arranged between the blade root and the blade leaf, where the blade neck forms an inner platform (14). The blade neck has a front sealing wall (30) and a rear sealing wall (32), where the rear wall limits a triangular inner area (28) with the platform. The inner area is radially tapered from outside to inside. The platform has front and rear projections (16, 18) in a flow direction, and the blade neck is designed as a rod with lateral pockets, where the walls extend from a passage area of the projections to the neck.

IPC 8 full level  
**F01D 5/30** (2006.01); **F01D 11/00** (2006.01)

CPC (source: EP)  
**F01D 5/3007** (2013.01); **F01D 11/006** (2013.01); **F05D 2240/80** (2013.01); **F05D 2250/12** (2013.01)

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