

Title (en)  
Blade of a turbomachine

Title (de)  
Bewegliche Laufradschaufel einer Strömungsmaschine

Title (fr)  
Aube mobile de turbomachine

Publication  
**EP 1911934 B1 20090722 (FR)**

Application  
**EP 07118256 A 20071011**

Priority  
FR 0654257 A 20061013

Abstract (en)  
[origin: EP1911934A1] The blade has a mounting foot (110) surmounted on a vane (112) that includes an end surface (114), lower side surface (116) and upper side surface. The vane has a projecting edge on its upper edge, defined between a part (124) of the end surface and an upper part (122) of the surface (116). The parts (124, 122) form average edge angle lower than 90 degree so as to separate flux of fluid traversing a turbo machine, at the level of edge. The part (122) is corrugated and follows a boundary line formed by a succession of alternative concave and convex curves.

IPC 8 full level  
**F01D 5/20** (2006.01); **F01D 5/18** (2006.01)

CPC (source: EP US)  
**F01D 5/20** (2013.01 - EP US); **F01D 11/10** (2013.01 - EP US); **F05D 2240/55** (2013.01 - EP US); **F05D 2250/184** (2013.01 - EP US); **F05D 2250/611** (2013.01 - EP US); **F05D 2250/70** (2013.01 - EP US)

Cited by  
EP3216983A1; CN102678189A; GB2560124A; GB2560124B; EP4130429A3; EP2666967A1; EP2825733A4; EP2666968A1; EP3882436A1; US11136892B2; WO2013180797A2; US9188012B2; US10753215B2; US11913353B2; WO2017085387A1; WO2019035800A1

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