

Title (en)  
MIXING BLADE PROVIDED WITH A REMOVABLE WEARABLE ELEMENT

Title (de)  
MISCHFLÜGEL MIT LÖSBAREM VERSCHLEISSELEMENT

Title (fr)  
LAME DE MELANGE COMPRENANT UN ELEMENT D'USURE AMOVIBLE

Publication  
**EP 1871514 A1 20080102 (DE)**

Application  
**EP 06725387 A 20060329**

Priority  
• EP 2006061131 W 20060329  
• DE 102005019010 A 20050422

Abstract (en)  
[origin: US2009219782A1] The invention relates to a mixing blade (6) consisting, of a base part (15) fixable to a shaft and a removable wearable element (12). The aim of said invention is to develop a more economical mixing blade. For this purpose, the wearable element (12) and the base part (15) overlap on at least 30% of the base part length and define different cross-sections of the mixing blade (6) in said area.

IPC 8 full level  
**B01F 27/91** (2022.01); **B01F 27/71** (2022.01)

CPC (source: EP KR US)  
**B01F 27/052** (2022.01 - EP US); **B01F 27/80** (2022.01 - KR); **B01F 35/00** (2022.01 - KR); **B01F 27/1121** (2022.01 - EP US);  
**B01F 27/80** (2022.01 - EP US)

Citation (search report)  
See references of WO 2006111455A1

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**US 2009219782 A1 20090903; US 8235583 B2 20120807**; AT E468910 T1 20100615; BR PI0609180 A2 20100223; CA 2602970 A1 20061026; CA 2602970 C 20130625; CN 101163539 A 20080416; CN 101163539 B 20110615; DE 102005019010 A1 20061026; DE 502006007038 D1 20100708; DK 1871514 T3 20100823; EP 1871514 A1 20080102; EP 1871514 B1 20100526; ES 2346241 T3 20101013; JP 2008536676 A 20080911; JP 4891989 B2 20120307; KR 101274734 B1 20130612; KR 20080012858 A 20080212; MX 2007012943 A 20071212; PL 1871514 T3 20100930; RU 2007142846 A 20090527; RU 2392043 C2 20100620; WO 2006111455 A1 20061026; ZA 200708851 B 20090128

DOCDB simple family (application)  
**US 91216206 A 20060329**; AT 06725387 T 20060329; BR PI0609180 A 20060329; CA 2602970 A 20060329; CN 200680013431 A 20060329; DE 102005019010 A 20050422; DE 502006007038 T 20060329; DK 06725387 T 20060329; EP 06725387 A 20060329; EP 2006061131 W 20060329; ES 06725387 T 20060329; JP 2008507041 A 20060329; KR 20077025097 A 20060329; MX 2007012943 A 20060329; PL 06725387 T 20060329; RU 2007142846 A 20060329; ZA 200708851 A 20060329