Title (en)

MIXING BLADE COMPRISING WEAR ELEMENT AND METHOD FOR ATTACHING A WEAR ELEMENT TO A BASE PART OF A MIXING BLADE

Title (de)

MISCHFLÜGEL MIT VERSCHLEIßELEMENT SOWIE VERFAHREN ZUM BEFESTIGEN EINES VERSCHLEIßELEMENTES AN EINEM GRUNDTEIL EINES MISCHFLÜGELS

Title (fr)

AILETTE DE MÉLANGE COMPRENANT UN ÉLÉMENT D'USURE AINSI QUE PROCÉDÉ PERMETTANT DE FIXER UN ÉLÉMENT D'USURE À UNE PARTIE DE BASE D'UNE AILETTE DE MÉLANGE

Publication

EP 3551323 A1 20191016 (DE)

Application

EP 17822573 A 20171205

Priority

- DE 102016123712 A 20161207
- EP 2017081482 W 20171205

Abstract (en)

[origin: WO2018104286A1] The present invention relates to a mixing blade consisting of a base part (1) which can be attached to a shaft, and a wear element (8), wherein the wear element (8) is or can be releasably attached to the base part (1). To provide a mixing blade that allows the wear element (8) to be easily released from the base part (1), the invention proposes that to attach the wear element (8) to the base part (1), at least one element from the group consisting of the wear element (8), the base part (1) and an intermediate element arranged optionally at least partially between the wear element (8) and the base part (1) is elastically deformed such that it exerts a force on another element from the group.

IPC 8 full level

B01F 27/91 (2022.01); **F16B 4/00** (2006.01)

CPC (source: EP)

B01F 27/052 (2022.01); **F16B 4/004** (2013.01); F16B 19/02 (2013.01)

Citation (search report)

See references of WO 2018104286A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

DE 102016123712 A1 20180607; CN 110049812 A 20190723; CN 110049812 B 20211116; EP 3551323 A1 20191016; WO 2018104286 A1 20180614

DOCDB simple family (application)

DE 102016123712 A 20161207; CN 201780075514 A 20171205; EP 17822573 A 20171205; EP 2017081482 W 20171205