

Title (en)

COMPONENT, IN PARTICULAR ROTOR BLADE

Title (de)

KOMPONENTEN, INSBESONDERE ROTORSCHAUFEL

Title (fr)

ÉLÉMENT CONSTITUTIF, EN PARTICULIER PALE DE ROTOR

Publication

**EP 2291584 A2 20110309 (EN)**

Application

**EP 09742150 A 20090508**

Priority

- EP 2009055588 W 20090508
- DE 102008023082 A 20080509

Abstract (en)

[origin: WO2009135932A2] The invention concerns a component of plastic material, in particular a rotor blade (17), having a fixing device which is to be particularly inexpensive and simple to produce. To attain that object it is proposed that the fixing device has the form of a neck (4) of a PET bottle (1), the neck being provided with a screwthread. In a rotor blade (17) at least a part of the surface can be formed by a portion of the wall of the PET bottle (1). Simple PET drinks bottles thus make it possible to build a functioning rotor, for example for energy generation.

IPC 8 full level

**F03D 1/06** (2006.01)

CPC (source: EP)

**A63H 27/12** (2013.01); **B09B 3/00** (2013.01); **B63H 1/14** (2013.01); **F03D 1/0658** (2013.01); **F05B 2260/30** (2013.01); **Y02E 10/72** (2013.01)

Citation (search report)

See references of WO 2009135932A2

Designated contracting state (EPC)

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 SE SI SK TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

**DE 102008023082 A1 20091112**; **DE 102008023082 B4 20101125**; EP 2291584 A2 20110309; WO 2009135932 A2 20091112; WO 2009135932 A3 20100805

DOCDB simple family (application)

**DE 102008023082 A 20080509**; EP 09742150 A 20090508; EP 2009055588 W 20090508