

Title (en)

ROTOR BLADE HUB FOR A WIND TURBINE, AND WIND TURBINE HAVING SAME

Title (de)

ROTORBLATTNABE FÜR EINE WINDENERGIEANLAGE, UND WINDENERGIEANLAGE MIT SELBIGER

Title (fr)

MOYEU POUR PALE D'HÉLICE D'UNE ÉOLIENNE, ET ÉOLIENNE DOTÉ DE CE MOYEU

Publication

EP 3507485 A1 20190710 (DE)

Application

EP 17758483 A 20170822

Priority

- DE 102016216458 A 20160831
- EP 2017071120 W 20170822

Abstract (en)

[origin: CA3034144A1] The invention relates to a rotor blade hub (1) for a wind turbine (100), comprising a connection segment for coupling the rotor blade hub (1) to a main shaft of the wind turbine (100) for torque transfer. According to the invention, the rotor blade hub (1) has a single-stage transmission (3), which, on the input side, is mounted on the rotor blade hub (1) for conjoint rotation and which has the connection segment (7) on the output side.

IPC 8 full level

F03D 1/06 (2006.01); **F03D 15/00** (2016.01)

CPC (source: EP US)

F03D 1/0691 (2013.01 - EP US); **F03D 9/25** (2016.05 - US); **F03D 15/00** (2016.05 - EP US); **F03D 15/20** (2016.05 - US); **F16H 7/00** (2013.01 - US); **F16H 57/082** (2013.01 - US); **F05B 2220/706** (2013.01 - US); **F05B 2240/60** (2013.01 - EP US); **F05B 2240/61** (2013.01 - US); **F05B 2260/40311** (2013.01 - US); **F05B 2260/404** (2013.01 - EP US); **F05B 2260/966** (2013.01 - EP US); **F16H 2057/02078** (2013.01 - US); **Y02E 10/72** (2013.01 - EP US)

Citation (search report)

See references of WO 2018041667A1

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 102016216458 A1 20180301; CA 3034144 A1 20180308; EP 3507485 A1 20190710; US 2019195193 A1 20190627; WO 2018041667 A1 20180308

DOCDB simple family (application)

DE 102016216458 A 20160831; CA 3034144 A 20170822; EP 17758483 A 20170822; EP 2017071120 W 20170822; US 201716329505 A 20170822