

Title (en)
DEVICE FOR HANDLING ROTOR BLADES

Title (de)
VORRICHTUNG ZUM HANDHABEN VON ROTORBLATTEN

Title (fr)
DISPOSITIF POUR MANIPULER DES PALES DE ROTOR

Publication
EP 1516120 A1 20050323 (DE)

Application
EP 03740179 A 20030604

Priority
• DE 10225025 A 20020606
• EP 0305811 W 20030604

Abstract (en)
[origin: WO03104645A1] The invention relates to a device for handling rotor blades of wind turbines. A rigid carrier element and at least one rotor blade retainer that is fixed to the latter constitute a device for the simplified handling of rotor blades.

IPC 1-7
F03D 1/00; **B65D 90/00**

IPC 8 full level
B65D 85/68 (2006.01); **B65D 88/12** (2006.01); **B65D 90/00** (2006.01); **B66C 1/24** (2006.01); **F03D 1/00** (2006.01); **F03D 11/00** (2006.01)

CPC (source: EP KR US)
B61D 5/08 (2013.01 - KR); **B65D 85/68** (2013.01 - EP US); **B65D 88/121** (2013.01 - EP US); **B66C 1/108** (2013.01 - EP US); **B66C 1/24** (2013.01 - EP US); **F03D 1/00** (2013.01 - KR); **F03D 13/40** (2016.05 - EP US); **F03D 80/50** (2016.05 - EP US); **B65D 2585/6875** (2013.01 - EP US); **B65D 2585/6897** (2013.01 - EP US); **F05B 2230/60** (2013.01 - EP US); **Y02E 10/72** (2013.01 - EP US); **Y02P 70/50** (2015.11 - EP US)

Citation (search report)
See references of WO 03104645A1

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

DOCDB simple family (publication)
WO 03104645 A1 20031218; AR 040249 A1 20050323; AU 2003274108 A1 20031222; AU 2003274108 B2 20080313; AU 2008202513 A1 20080626; BR 0311364 A 20050301; CA 2488541 A1 20031218; CN 100408848 C 20080806; CN 1659375 A 20050824; DE 10225025 A1 20031224; EP 1516120 A1 20050323; JP 2005533953 A 20051110; JP 4077821 B2 20080423; KR 100647486 B1 20061123; KR 20050019104 A 20050228; PL 372065 A1 20050711; US 2005258064 A1 20051124; US 2008107526 A1 20080508; US 2010126897 A1 20100527; US 7374405 B2 20080520; US 7748961 B2 20100706

DOCDB simple family (application)
EP 0305811 W 20030604; AR P030102021 A 20030606; AU 2003274108 A 20030604; AU 2008202513 A 20080606; BR 0311364 A 20030604; CA 2488541 A 20030604; CN 03812793 A 20030604; DE 10225025 A 20020606; EP 03740179 A 20030604; JP 2004511690 A 20030604; KR 20047019580 A 20041202; PL 37206503 A 20030604; US 51713305 A 20050629; US 586307 A 20071227; US 69574910 A 20100128