

Title (en)  
Combined lifting beam arrangement for wind turbine parts

Title (de)  
Kombinierte Hebebalkenanordnung für Windturbinenteile

Title (fr)  
Agencement combiné de poutre de levage pour pièces d'éolienne

Publication  
**EP 2604568 B2 20181107 (EN)**

Application  
**EP 11193562 A 20111214**

Priority  
EP 11193562 A 20111214

Abstract (en)  
[origin: EP2604568A1] The present invention relates to a combined lifting beam arrangement (1) for handling wind turbine parts, comprising a beam (2) with a connecting element (3) realized to be connected to a lifting device, a first interface (4) having a number of first holding members (5) adapted for an engagement of the lifting beam arrangement with a tower wall portion (11) of a wind turbine, and a second interface (6) having a number of second holding members (7) adapted for an engagement of the lifting beam arrangement with coupling elements of a nacelle (15) and/or a hub and/or a generator of a wind turbine. The invention further relates to a method of handling wind turbine parts using a combined lifting beam arrangement.

IPC 8 full level  
**B66C 1/10** (2006.01)

CPC (source: EP)  
**B66C 1/108** (2013.01)

Citation (opposition)  
Opponent :

- US 2011056168 A1 20110310 - SPRINGETT FRANK BENJAMIN [US], et al
- JP 2000204792 A 20000725 - MITSUBISHI HEAVY IND LTD
- US 5306062 A 19940426 - DODGE JOHN P [US]
- US 7455338 B2 20081125 - JENNEY ALFRED P [US]
- US 3971478 A 19760727 - MATASA VASILE
- DE 3239534 A1 19840426 - FLACHFORM STAHL KG [DE]
- US 3458229 A 19690729 - NAGY JULES G, et al
- WO 2010142983 A1 20101216 - CONTINENTAL POLYMERS LTD [GB], et al
- WO 2011026970 A2 20110310 - SUZLON ENERGY GMBH [DE], et al
- US 5037151 A 19910806 - KAMEYAMA KAZUhide [JP], et al

Cited by  
CN114249240A; US11499527B2

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

DOCDB simple family (publication)  
**EP 2604568 A1 20130619; EP 2604568 B1 20140416; EP 2604568 B2 20181107**; CN 103159128 A 20130619; CN 103159128 B 20161123; DK 2604568 T3 20140505

DOCDB simple family (application)  
**EP 11193562 A 20111214**; CN 201210541378 A 20121214; DK 11193562 T 20111214