Title (en)

CLADDING SYSTEM FOR A WIND TURBINE TOWER

Title (de)

VERKLEIDUNGSSYSTEM FÜR EINEN WINDTURBINENTURM

Title (fr)

SYSTÈME DE REVÊTEMENT POUR UNE TOUR D'ÉOLIENNE

Publication

**EP 2069591 A2 20090617 (EN)**

Application

**EP 07872185 A 20071002**

Priority

- US 2007021250 W 20071002
- US 84872506 P 20061002
- US 84872606 P 20061002
- US 64903307 A 20070103
- US 93273107 P 20070601

Abstract (en)

[origin: WO2008088408A2] An apparatus and method for mounting a wind turbine and blade assembly on the upper end of a wind turbine tower. In one aspect the apparatus generally includes a ginpole that is used to assemble the tower and a lifting frame or truss that is removably secured to a top bay assembly of the tower using the ginpole. The lifting frame or truss is operated using either cables or hydraulic rams and extends fore of the tower when the frame or truss is in a first position and generally above the tower when in a second position. When in the first position, a wind turbine or blade assembly can be hoisted to the top of the tower. The wind turbine or blade assembly is then moved into position for mounting to the tower as the frame or truss is pivoted to a second position. When the turbine and blade assembly are secured to the tower, the frame or truss is disconnected from the tower and lowered to the ground followed by the ginpole being lowered to the ground.

IPC 8 full level

**E04H 12/00** (2006.01); **F03D 13/20** (2016.01)

CPC (source: EP US)

**F03D 1/00** (2013.01 - EP); **F03D 13/10** (2016.05 - EP US); **F03D 13/20** (2016.05 - EP US); F05B 2240/14 (2013.01 - EP); F05B 2240/9121 (2013.01 - EP); F05B 2240/916 (2013.01 - EP); Y02E 10/72 (2013.01 - EP); Y02E 10/728 (2013.01 - EP)

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