

Title (en)

DEVICE AND METHOD FOR THE TRANSITION BETWEEN A RISING TOWER SECTION AND A PRE-STRESSED CONCRETE TOWER SECTION

Title (de)

VORRICHTUNG UND VERFAHREN FÜR DEN ÜBERGANG ZWISCHEN EINEM AUFGEHENDEN TURMABSCHNITT UND EINEM VORGESPANNTEN BETONTURMABSCHNITT

Title (fr)

PROCÉDÉ ET DISPOSITIF PERMETTANT LA TRANSITION ENTRE UNE PARTIE DE TOUR MONTANTE ET UNE PARTIE DE TOUR EN BÉTON PRÉCONTRAINTE

Publication

EP 2744955 A2 20140625 (DE)

Application

EP 12724559 A 20120308

Priority

- DE 102011001250 A 20110314
- DE 2012100055 W 20120308

Abstract (en)

[origin: WO2012122976A2] The invention relates to a T-shaped component (1), preferably made of steel, which is particularly suited to form the transition between the lower pre-stressed concrete section (7) of a tower, preferably of a wind turbine, and the rising tower section made of steel (6) or an alternative material. The stressing elements (8) of the lower pre-stressed concrete tower section (7) are fed through, anchored, and preloaded through holes (3, 5) arranged centrally in a T cross-section. The component (1) is thus anchored without further anchoring elements and without additional loads from forces acting eccentrically.

IPC 8 full level

E04H 12/12 (2006.01); **E04H 12/08** (2006.01)

CPC (source: EP)

E04H 12/08 (2013.01); **E04H 12/085** (2013.01); **E04H 12/12** (2013.01); **E04H 12/16** (2013.01)

Citation (search report)

See references of WO 2012122976A2

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)

DE 102011001250 A1 20120920; EP 2744955 A2 20140625; EP 2744955 B1 20160120; WO 2012122976 A2 20120920; WO 2012122976 A3 20121115

DOCDB simple family (application)

DE 102011001250 A 20110314; DE 2012100055 W 20120308; EP 12724559 A 20120308