

Title (en)

CRANE SYSTEM FOR ASSEMBLING A WIND TURBINE AND A METHOD FOR USING THE CRANE SYSTEM

Title (de)

KRANSYSTEM ZUM ZUSAMMENBAU EINER WINDENERGIEANLAGE UND VERFAHREN ZUR VERWENDUNG DES KRANSYSTEMS

Title (fr)

SYSTÈME DE GRUE POUR ASSEMBLER UNE ÉOLIENNE ET PROCÉDÉ POUR UTILISER LE SYSTÈME DE GRUE

Publication

EP 4100354 A4 20240306 (EN)

Application

EP 21750481 A 20210208

Priority

- NO 20200157 A 20200207
- NO 2021050038 W 20210208

Abstract (en)

[origin: WO2021158123A1] A crane system (100) for a column (1) which is formed of at least one column element (11), the crane system comprising: - a first jacking element (12) comprising at least two first parts (123), arranged to be connected to and extend along a circumference around the column element (11), and at least one engagement element (25) for engaging with the column element (11); - a second jacking element (13) comprising at least two second parts (133), arranged to be connected to and extend at least partially around the first jacking element (12), and an engagement element (25) for engaging with the column element (11), the first jacking element (12) and the second jacking element (13) being displaceable relative to each other along a centre axis (XI) of the column (1) when the crane system (100) is in use on the column (1); and - a crane (140) which is connected to the first or the second jacking element (12, 13).

IPC 8 full level

B66C 23/28 (2006.01); **B66C 23/18** (2006.01); **B66C 23/20** (2006.01); **B66C 23/64** (2006.01); **E04H 12/18** (2006.01); **E04H 12/34** (2006.01); **F03D 13/10** (2016.01); **F03D 13/20** (2016.01)

CPC (source: EP NO)

B66C 23/185 (2013.01 - NO); **B66C 23/207** (2013.01 - EP); **B66C 23/64** (2013.01 - EP); **E04H 12/342** (2013.01 - EP NO); **F03D 13/25** (2016.05 - NO); **B63B 2035/446** (2013.01 - NO); **E02B 2017/0091** (2013.01 - NO); **F03D 13/10** (2016.05 - EP); **F05B 2230/61** (2013.01 - EP); **Y02E 10/72** (2013.01 - EP); **Y02E 10/727** (2013.01 - EP NO); **Y02E 10/728** (2013.01 - EP); **Y02P 70/50** (2015.11 - EP)

Citation (search report)

No further relevant documents disclosed

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)

WO 2021158123 A1 20210812; EP 4100354 A1 20221214; EP 4100354 A4 20240306; NO 20200157 A1 20210809; NO 20210161 A1 20210809; NO 346091 B1 20220207; NO 346750 B1 20221212

DOCDB simple family (application)

NO 2021050038 W 20210208; EP 21750481 A 20210208; NO 20200157 A 20200207; NO 20210161 A 20210208