

Title (en)  
Method for operating a rotating tower crane

Title (de)  
Verfahren zum Betrieb eines Turmdrehkranes

Title (fr)  
Procédé destiné au fonctionnement d'une grue à tour

Publication  
**EP 2402281 B1 20151028 (DE)**

Application  
**EP 11004793 A 20110610**

Priority  
DE 102010025482 A 20100629

Abstract (en)  
[origin: EP2402281A1] The method involves winding a lifting rope (11) on a hoisting winch (10), where length of the lifting rope is larger than length that is necessary for normal operation of the crane. The lifting rope is guided via an auxiliary deflection unit to unwind a lifting rope area that is wounded, during normal operation. Lifting operation is implemented via the lifting rope, and the auxiliary deflection unit is arranged at a crane structure. The deflection unit is rotated together with a cross beam (4). Deflection rollers (8, 9) are detachably fixed at a fixation point (13) at the crane structure.

IPC 8 full level  
**B66C 13/10** (2006.01); **B66C 23/26** (2006.01); **B66C 23/34** (2006.01)

CPC (source: EP)  
**B66C 13/10** (2013.01); **B66C 23/26** (2013.01); **B66C 23/342** (2013.01)

Cited by  
EP4091980A1

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 2402281 A1 20120104; EP 2402281 B1 20151028**; DE 102010025482 A1 20111229

DOCDB simple family (application)  
**EP 11004793 A 20110610**; DE 102010025482 A 20100629