

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
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CPC (source: EP)
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