

Title (en)

FOLDING STRUCTURE MAKING UP A TOWER CRANE

Title (de)

ZUSAMMENKLAPPBARE KONSTRUKTION ZUM ZUSAMMENBAU EINES TURMKRANS

Title (fr)

STRUCTURE PLIABLE POUR COMPOSER UNE GRUE À TOUR

Publication

**EP 3225582 B1 20180912 (FR)**

Application

**EP 17161822 A 20170320**

Priority

FR 1652867 A 20160401

Abstract (en)

[origin: CN107265310A] Provided is a folding structure used for making up a tower crane. The folding structure (1) includes two structure elements (2.1, 2.2) and a hinge component (4) used for enabling the structure elements (2.1, 2.2) to move between an unfolding structure and a folding structure. The folding structure (1) also includes a first cable guide component (10) and a second cable guide component (12) for guiding a first portion (6.1) and a second portion (6.2) of a traction cable (6). The traction cable (6) includes a middle portion (6.3) between the first cable guide component (10) and the second cable guide component (12). The second cable guide component (12) is movable between an extended position and a shortened position relative to the first cable guide component (10). The middle portion (6.3) is longer in the extended position than in the shortened position. A recovery component (14) presses the second cable guide component (12) toward the extended position.

IPC 8 full level

**B66C 23/34** (2006.01)

CPC (source: CN EP)

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