

Title (en)

Method and device for mounting of the top of the tower of tower cranes

Title (de)

Verfahren und Vorrichtung zum Montieren des Turmoberteils von Turmkränen

Title (fr)

Procédé et dispositif pour le montage de la tête de mât des grues à tour

Publication

**EP 1024106 B1 20050525 (FR)**

Application

**EP 00420008 A 20000118**

Priority

FR 9901114 A 19990127

Abstract (en)

[origin: EP1024106A1] Method involves assembly on ground of first section with counter broom (8), tie rods (19), rear part (22) of broom holder (5) and second section with broom (6), tie rods (13, 14) and front part (21) of broom holder. First section is raised onto center point or mast-cab along horizontal axis (18) while second section is raised along horizontal axis (77). Two sections are attached to each other with broaching axis (78, 79) at ends (28, 47). An Independent claim is also included for the description of the apparatus needed to assemble rotating section of tower crane.

IPC 1-7

**B66C 23/26**

IPC 8 full level

**B66C 23/02** (2006.01); **B66C 21/00** (2006.01); **B66C 23/26** (2006.01); **B66C 23/64** (2006.01); **B66C 23/66** (2006.01); **B66C 23/72** (2006.01)

CPC (source: EP KR US)

**B66C 21/00** (2013.01 - KR); **B66C 23/26** (2013.01 - EP US)

Cited by

CN103863953A; CN105110205A; CN104030175A; EP2639196A4; CN107697817A; EP1842822A3; EP1840076A1; FR2899217A1; US12012313B2

Designated contracting state (EPC)

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