

Title (en)

Crane jib which folds automatically.

Title (de)

Selbsttätig klappbarer Kranausleger.

Title (fr)

Flèche à repliage automatisé pour grue.

Publication

EP 0536060 B1 19940706 (FR)

Application

EP 92420330 A 19920925

Priority

FR 9112383 A 19911002

Abstract (en)

[origin: EP0536060A1] The jib (10) comprises a jib base (11), an intermediate jib-folding element (12) and a jib tip (13), which are articulated to each other (at 14, 15) at the level of their lower members. The intermediate element (12) is connected to the jib base (11) by a motorised member (36) controlling its pivoting about the axis of articulation (14). The jib tip (13) is connected to the jib base (11) by a coupling assembly (40) having three articulated members (41, 42, 43), the central member (41) of this assembly being connected by articulation to a fixed point of the intermediate element (12) and causing the jib tip (13) to pivot about the axis of articulation (15). Application to the production of automatically erected tower cranes. <IMAGE>

IPC 1-7

B66C 23/68

IPC 8 full level

B66C 23/42 (2006.01); **B66C 23/26** (2006.01); **B66C 23/34** (2006.01); **B66C 23/68** (2006.01); **B66C 23/82** (2006.01)

CPC (source: EP)

B66C 23/34 (2013.01); **B66C 23/68** (2013.01)

Cited by

CN101823671A; CN102320526A; US5842587A; EP0999171A1; CN109516392A; EP0941958A1; CN110001918A; EP0888997A1; FR2765564A1; CN107720572A; US2021261388A1; EP0733584A1; FR2732000A1; EP1031530A1; FR2790252A1; US6276541B1; EP2213609A1; US11702324B2; WO2016046224A1; WO2016046221A1; WO2020002066A1

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