

Title (en)

Tower crane with foldable counter-jib

Title (de)

Turmkran mit zusammenklappbarem Gegenausleger

Title (fr)

Grue à tour avec contre-flèche repliable

Publication

**EP 1364906 B1 20070530 (FR)**

Application

**EP 03356062 A 20030410**

Priority

FR 0206170 A 20020521

Abstract (en)

[origin: EP1364906A1] The crane has a jib (10) with no strain cable which is mounted at the top of a mast (4) and extended rearward from its connection point (9) to the mast top by a backward cantilever extension (14) whose end (29) is connected by a rear strain cable (19) to a crane chassis (2). For transport of the crane, the backward extension is folded into a vertical plane on the jib rear part (11). The unfolding and folding of the extension are carried out automatically and simultaneously with the automatic erection or dismantling of the crane.

IPC 8 full level

**B66C 23/34** (2006.01)

CPC (source: EP US)

**B66C 23/348** (2013.01 - EP US)

Cited by

EP3816091A1; FR3102763A1; CN112290456A; CN106379821A; EP1749790A3; EP3098193A1; US10099905B2; US11420851B2

Designated contracting state (EPC)

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**EP 1364906 A1 20031126; EP 1364906 B1 20070530**; DE 60314047 D1 20070712; DE 60314047 T2 20080131; ES 2286396 T3 20071201; FR 2839962 A1 20031128; FR 2839962 B1 20041029; JP 2003341981 A 20031203; RU 2003114922 A 20041127; US 2003217985 A1 20031127; US 7093730 B2 20060822

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