

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 03356062 A 20030410; DE 60314047 T 20030410; ES 03356062 T 20030410; FR 0206170 A 20020521; JP 2003143697 A 20030521; RU 2003114922 A 20030520; US 41035503 A 20030410