

Title (en)

Automatically foldable tower crane.

Title (de)

Automatisch zusammenklappbarer Turmkran.

Title (fr)

Grue à tour repliable automatiquement.

Publication

EP 0536061 B1 19950628 (FR)

Application

EP 92420331 A 19920925

Priority

FR 9112384 A 19911002

Abstract (en)

[origin: EP0536061A1] This crane can be automatically folded, particularly with a view to transporting it on the road. It comprises a tower (6) which can be folded into two parts (7, 8), a jib (10) which is articulated at the top of the tower (6) and supported by a jib tie (20), connected to the top of a rigid upright (24) which is itself articulated on the rear part of the jib (10), and a rear retaining device (26) connecting the top (23) of the upright (24) to the rear part of a rotating frame (3) which carries a cantledge (4). The jib tie (20) is formed by several rigid elements (28, 29, 30, 31) which are articulated to each other. The rear retaining device (26) is formed by a rigid lower element (36), extended at its upper part by a cable (37) and connected by a connecting rod (39) to the lower part (7) of the tower (6). A motorised member (46) connects together the two parts (7, 8) of the tower (6). <IMAGE>

IPC 1-7

B66C 23/34

IPC 8 full level

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

CPC (source: EP)

B66C 23/348 (2013.01)

Cited by

EP0685422A1; US6439408B1; CN113979326A; ITMI20102188A1; EP0733584A1; FR2732000A1; US11459217B2

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EP 0536061 A1 19930407; **EP 0536061 B1 19950628**; AT E124380 T1 19950715; CN 1028744 C 19950607; CN 1078212 A 19931110; CZ 300192 A3 19930414; DE 69203196 D1 19950803; DE 69203196 T2 19951214; DE 9218871 U1 19951214; ES 2075665 T3 19951001; FR 2682096 A1 19930409; FR 2682096 B1 19931203; JP 2793933 B2 19980903; JP H05193890 A 19930803; RU 2065397 C1 19960820

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