

Title (en)

Self erecting crane with a sideways foldable jib in the transport position

Title (de)

Selbstauf richtender Kran mit seitlich zusammenklappbarem Ausleger in der Transportstellung

Title (fr)

Grue à montage automatisé à flèche pliable, avec repliage latéral pour transport

Publication

**EP 0870726 B1 20020807 (FR)**

Application

**EP 98420046 A 19980311**

Priority

FR 9704719 A 19970411

Abstract (en)

[origin: EP0870726A1] A tower crane designed to be transported by a vehicle and automatically assembled has a folding jib (6) in three or more folding sections (7,8) and an intermediate element (10) connecting the first and second sections. The intermediate element has a pyramid-shaped rear end (15) with a rectangular base, articulated to the foot of the jib (7), and connected by its tip to the upper member (25) of the jib foot by a power cylinder (24). It also has a pyramid-shaped forward end (16), articulated to the second section (8) of the jib, and connected to the upper member by a second power cylinder, and a hinge between the two ends of the intermediate element.

IPC 1-7

**B66C 23/34**

IPC 8 full level

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

CPC (source: EP)

**B66C 23/342** (2013.01)

Cited by

CN112368230A; EP1225152A1; EP0999171A1; US6655539B2; WO2022104030A1; EP2708488A1; EP2711328A1

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