

Title (en)

Tower crane, self-assembling, with folding and telescoping tower, and foldable jib

Title (de)

Sich selbständig aufrichtender Turmkran mit falt- und teleskopierbarem Turm sowie faltbarem Ausleger

Title (fr)

Grue à montage automatique avec une tour repliable et télescopique et une flèche repliable

Publication

EP 1398291 A1 20040317 (EN)

Application

EP 03077915 A 20030915

Priority

IT MI20021957 A 20020916

Abstract (en)

A hydraulic actuator (60) unfolds and folds up the first, second and third main portions (24,27,30) of a load arm (50). Connecting rods restores the structural integrity between the first and second main portions, and between the second and third main portions in a position with the load arm unfolded.

IPC 1-7

B66C 23/34

IPC 8 full level

B66C 23/34 (2006.01)

CPC (source: EP)

B66C 23/342 (2013.01)

Citation (search report)

- [DA] EP 1225152 A1 20020724 - SAN MARCO INTERNAT S R L [IT]
- [A] EP 0733584 A1 19960925 - POTAIN SA [FR]
- [A] US 6276541 B1 20010821 - GEVAUDANT OLIVIER [FR]

Cited by

CN106219420A; US11040860B2; CN113830687A; WO2009033198A1; WO2007012094A1; EP3995433A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

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