

Title (en)

Device for erecting the tower for a telescopic crane

Title (de)

Technik zum Aufrichten des Mastes für einen Teleskopkran

Title (fr)

Dispositif de relevage de mât pour grue à tour télescopique

Publication

EP 0873964 B1 20030129 (FR)

Application

EP 98420057 A 19980401

Priority

FR 9704718 A 19970411

Abstract (en)

[origin: JPH10279281A] PROBLEM TO BE SOLVED: To provide a small and simpler occupation space and facilitate and ensure the arrangement, pulling up work, and transportation of a crane. SOLUTION: At least one front shroud 13 brings a front part of a rotary base 3 in contact with a rear part 20 of a lower outer element 6 of an telescopic support 5 continuously and connects them. Two rear shrouds 14 bring an intermediate point 23 of the rotary base 3 in contact with the rear part 20 of the element 6 of the support continuously and connect them. A mechanization unit consisting of a double action jack 15 and connection bar systems 16, 17 connects the front shroud 13 with the element 6 of the support and controls the relative movement of the element of a device 12. Consequently, this support pulling up device can be applied to a tower crane which is assembled automatically, consists of two or three elements 6, 7, 8, and is of telescopic support 5 type.

IPC 1-7

B66C 23/34

IPC 8 full level

B66C 23/16 (2006.01); **B66C 23/30** (2006.01); **B66C 23/34** (2006.01)

CPC (source: EP)

B66C 23/342 (2013.01); **B66C 23/348** (2013.01)

Cited by

CN112374386A; CN108408563A; CN111174639A

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DOCDB simple family (publication)

FR 2761970 A1 19981016; **FR 2761970 B1 19990528**; DE 69810981 D1 20030306; DE 69810981 T2 20031106; EP 0873964 A1 19981028; EP 0873964 B1 20030129; ES 2190049 T3 20030716; JP H10279281 A 19981020; RU 2191156 C2 20021020

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