

Title (en)

Mobile crane with telescopic boom and method for mounting and dismounting brace elements for telescopic boom

Title (de)

Fahrzeugkran mit einem Teleskopausleger sowie Verfahren zur Montage bzw. Demontage von Abspannstützen des Teleskopauslegers

Title (fr)

Grue mobile avec flèche télescopique et procédé de montage et démontage d'éléments d'haubanage de flèche télescopique

Publication

**EP 1342692 A3 20050622 (DE)**

Application

**EP 03004657 A 20030303**

Priority

- DE 10228345 A 20020625
- DE 20203443 U 20020304

Abstract (en)

[origin: EP1342692A2] The motor crane has a telescopic jib (3) rotating around a vertical axis and tipping around a horizontal axis, and two bracing supports (6) which with the telescopic jib lying horizontally can be dismantled from it and placed on brackets (9) provided adjacent to the jib and from which the bracing supports can be lifted and/or loaded by the jib itself according to the corresponding swinging up of the jib. A power cylinder is connected to the bracing supports to pivot them and can be dismantled from the telescopic jib together with the bracing supports as a unit. An Independent claim is included for a procedure for the assembly or disassembly of bracing supports on the telescopic jib of a motor crane.

IPC 1-7

**B66C 23/82**

IPC 8 full level

**B66C 23/42** (2006.01); **B66C 23/687** (2006.01); **B66C 23/70** (2006.01); **B66C 23/82** (2006.01)

CPC (source: EP US)

**B66C 23/42** (2013.01 - EP US); **B66C 23/701** (2013.01 - EP US); **B66C 23/702** (2013.01 - EP US); **B66C 23/826** (2013.01 - EP US)

Citation (search report)

- [XA] DE 10022658 A1 20010315 - MANNESMANN AG [DE]
- [PA] DE 20020974 U1 20020425 - LIEBHERR WERK EHINGEN [DE]
- [DA] DE 1751383 U 19570829 - VESPER HORST [DE]

Cited by

EP2248754A1; DE102018115632B3; CN113800449A; DE102019130241B3; DE102017000389B4; DE102019120134B3; DE102020101101B3; DE102009020338B4; US11427446B2; DE102021116531B3; WO2005092775A1; DE102017000389A1; US11111115B2; DE102021116532B3; EP4086218A1; DE102021111922B3; DE102009020338A1; US8689986B2; EP3587337A1; WO2021013843A1; US11161722B2; US11753282B2

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

DOCDB simple family (publication)

**EP 1342692 A2 20030910**; **EP 1342692 A3 20050622**; **EP 1342692 B1 20080618**; DE 50309991 D1 20080731; US 2004000531 A1 20040101; US 7686174 B2 20100330

DOCDB simple family (application)

**EP 03004657 A 20030303**; DE 50309991 T 20030303; US 37930403 A 20030304