

Title (en)

System for controlling and pre-selecting the extension of the single sections which make up a telescopic jib of a crane truck or the like

Title (de)

Vorrichtung zur Steuerung und Vorwahl der Ausschlebung der individuellen Schübe des Teleskopmasts eines Krans oder dergleichen

Title (fr)

Agencement pour commander et présélectionner l'extension des sections individuelles du mât télescopique d'une grue ou analogue

Publication

EP 0767135 A1 19970409 (EN)

Application

EP 96830460 A 19960902

Priority

IT VR950053 U 19951003

Abstract (en)

A system for rationalizing and controlling an independent intervention of the single sections making up a telescopic jib of a crane truck in order to reach considerable increments in the capacity thereof in comparison with the conventional solutions. In general, the present system consists in the installation of particular clamping and unclamping mechanisms (10) which are arranged in those sectors where ropes (8) for permitting the extraction of the extensible jib sections are anchored. The extraction of the jib sections may be proportional in case each rope remains constrained to its respective support. On the contrary, the use of the new mechanisms according to the present system permits to exclude from the extraction those sections that are not necessary for a certain configuration, beginning from a last element supporting a head. The exclusion of the sections that are not to be used from the extraction is determined by unclamping pivots (11) of units (10), which pivots fix the anchoring points (9) for the ropes (8).
<IMAGE>

IPC 1-7

B66C 23/70

IPC 8 full level

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

CPC (source: EP)

B66C 23/701 (2013.01)

Citation (search report)

- [Y] FR 2708584 A1 19950210 - PPM [FR]
- [Y] FR 2370676 A1 19780609 - COLES CRANES LTD [GB]
- [Y] DE 2046652 A1 19710415 - EISENGIESSEREI U MASCHINENFABR
- [A] FR 2681649 A1 19930326 - KRUPP INDUSTRIETECH [DE]
- [A] EP 0621229 A1 19941026 - KRUPP AG HOESCH KRUPP [DE]

Designated contracting state (EPC)

DE ES FR GB

DOCDB simple family (publication)

EP 0767135 A1 19970409; IT 239349 Y1 20010226; IT VR950053 U1 19970403; IT VR950053 V0 19951003

DOCDB simple family (application)

EP 96830460 A 19960902; IT VR950053 U 19951003