

Title (en)  
TELESCOPIC BOOM BRACING DEVICE

Title (de)  
TELESKOPPAUSLEGER-ABSPANNEINRICHTUNG

Title (fr)  
DISPOSITIF DE HAUBANGE DE FLÈCHE TÉLESCOPIQUE

Publication  
**EP 3587337 A1 20200101 (DE)**

Application  
**EP 19182128 A 20190625**

Priority  
DE 102018115632 A 20180628

Abstract (en)  
[origin: US2020002139A1] A telescopic jib bracing unit for a mobile crane includes a holding frame which is embodied for fastening to the telescopic jib of the mobile crane and exhibits an open cross-section, the cross-sectional opening of which enables the jib to be retracted into the holding frame, and two bracing supports which are connected by the holding frame to form a structural unit. Two frame parts which form the open cross-section of the holding frame are coupled to each other via a coupling point such that they can be moved with respect to each other. A bracing unit transport system, a mobile crane and a fitting method are also provided.

Abstract (de)  
Die Erfindung betrifft eine Teleskopausleger-Abspanneinheit für einen Mobilkran, mit- einem zur Befestigung am Teleskopausleger des Mobilkrans ausgestalteten Halterahmen (10) mit einem offenen Querschnitt, dessen Querschnittsöffnung das Einfahren des Auslegers (3) in den Halterahmen (10) ermöglicht; und- zwei vom Halterahmen (10) zu einer Baueinheit verbundenen Abspannstützen (11); wobei zwei den offenen Querschnitt des Halterahmens (10) bildende Rahmenteile (101, 102) über eine Koppelstelle (19) zueinander beweglich aneinandergeschlossen sind. Die Erfindung betrifft ferner ein entsprechendes Abspanneinheits-Transportsystem, einen entsprechenden Mobilkran und ein entsprechendes Rüstverfahren.

IPC 8 full level  
**B66C 23/82** (2006.01)

CPC (source: CN EP US)  
**B66C 23/36** (2013.01 - CN); **B66C 23/62** (2013.01 - CN); **B66C 23/701** (2013.01 - CN); **B66C 23/702** (2013.01 - US); **B66C 23/826** (2013.01 - EP); **B66C 23/828** (2013.01 - US); **B66C 23/365** (2013.01 - US); **B66C 2700/0378** (2013.01 - US)

Citation (applicant)  
• EP 1342692 A2 20030910 - LIEBHERR WERK EHINGEN [DE]  
• EP 1735233 A1 20061227 - TEREX DEMAG GMBH & CO KG [DE]  
• EP 2248754 A1 20101110 - MANITOWOC CRANE GROUP F SAS [FR]

Citation (search report)  
• [XYI] CN 106044589 A 20161026 - SICHUAN PANGYUAN MECH ENG CO LTD  
• [X] CN 105293318 A 20160203 - DEMAKE HOISTING MACHINERY CO LTD  
• [YD] EP 2248754 A1 20101110 - MANITOWOC CRANE GROUP F SAS [FR]  
• [A] CN 202766156 U 20130306 - ZOOMLION HEAVY IND SCI & TECH

Designated contracting state (EPC)  
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Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**DE 102018115632 B3 20191010**; CN 110654994 A 20200107; CN 110654994 B 20210723; EP 3587337 A1 20200101; JP 2020001928 A 20200109; JP 6780067 B2 20201104; US 11161722 B2 20211102; US 2020002139 A1 20200102

DOCDB simple family (application)  
**DE 102018115632 A 20180628**; CN 201910576796 A 20190628; EP 19182128 A 20190625; JP 2019120231 A 20190627; US 201916455234 A 20190627