

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 aneinandergesekelt 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)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
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DOCDB simple family (application)
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