

Title (en)

LIFTING BOOM CRANE WITH BOOM LOCKING DEVICE IN RAISED CONFIGURATION

Title (de)

KRAN MIT HOCHKLAPPBAREM AUSLEGER MIT VERRIEGELUNGSVORRICHTUNG DES AUSLEGERS IN HOCHGEKLAPPTER KONFIGURATION

Title (fr)

GRUE À FLÈCHE RELEVABLE AVEC DISPOSITIF DE VERROUILLAGE DE LA FLÈCHE EN CONFIGURATION RELEVÉE

Publication

EP 3466863 B1 20200429 (FR)

Application

EP 18198725 A 20181004

Priority

FR 1759435 A 20171009

Abstract (en)

[origin: US2019106305A1] A crane includes a luffing jib and a lifting cylinder having a cylinder body and a movable rod hinged on the jib to displace the jib in lifting motion and in lowering motion, and a locking device adapted to cooperate with the lifting cylinder to mechanically lock the rod in a deployed holding position and block the jib in a raised holding configuration. The crane further includes a spacer hinged on the jib and supporting a stop, the spacer pivotable between a release position in which the spacer is shifted, allowing the movable rod to be freely displaced, and a locking position in which the spacer is folded so that the stop is capable of abutting on a bearing surface in a ball jointed connection with the cylinder body, to fixedly hold the movable rod in the deployed holding position.

IPC 8 full level

B66C 23/62 (2006.01); **B66C 23/82** (2006.01); **B66C 23/92** (2006.01)

CPC (source: CN EP US)

B66C 23/16 (2013.01 - US); **B66C 23/26** (2013.01 - US); **B66C 23/62** (2013.01 - EP US); **B66C 23/82** (2013.01 - EP US); **B66C 23/828** (2013.01 - CN US); **B66C 23/90** (2013.01 - US); **B66C 23/92** (2013.01 - EP US); **F15B 15/26** (2013.01 - US); **B66C 2700/0392** (2013.01 - US)

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DOCDB simple family (publication)

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EP 18198725 A 20181004; CN 201811172289 A 20181009; ES 18198725 T 20181004; FR 1759435 A 20171009; US 201816155630 A 20181009