

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 3466862 B1 20200429 (FR)

Application

EP 18198724 A 20181004

Priority

FR 1759434 A 20171009

Abstract (en)

[origin: US2019106304A1] A crane having a luffing jib and a lifting cylinder includes a cylinder body and a movable rod hinged on the jib to raise and lower the jib, 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, and further including a spacer hinged on the jib and supporting an abutment, the spacer configured for pivoting between a release position wherein the spacer is offset, authorizing the movable rod to be displaced freely, and a locking position wherein the spacer is folded so that the abutment is able to bear on the cylinder body to fixedly maintain 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 13/16 (2013.01 - CN); **B66C 15/06** (2013.01 - 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 - US); **B66C 23/90** (2013.01 - CN 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 18198724 A 20181004; CN 201811172212 A 20181009; ES 18198724 T 20181004; FR 1759434 A 20171009; US 201816155545 A 20181009