

Title (en)
HOLLOW TWO POINT LEVER

Title (de)
HOHLER ZWEIPUNKTHEBEL

Title (fr)
LEVIER CREUX À DEUX POINTS

Publication
EP 3477018 B1 20210407 (DE)

Application
EP 18201908 A 20181023

Priority
DE 102017125145 A 20171026

Abstract (en)
[origin: US2019127998A1] A mast arm for a large-scale manipulator is disclosed. The mast arm includes a turntable rotatable about a vertical axis, a two-point lever enclosing at least one cavity, and a plurality of mast arm segments. The plurality of mast arm segments are pivotable at articulated joints about articulation axes relative to an adjacent mast arm segment or the turntable via a respective drive unit. At least one of the respective drive units is fastened to a first mast arm segment and acts via the two-point lever on a second mast arm segment or on the turntable.

IPC 8 full level
E04G 21/04 (2006.01); **B66C 23/00** (2006.01); **B66C 23/68** (2006.01); **F15B 15/02** (2006.01)

CPC (source: EP US)
B66C 23/54 (2013.01 - EP US); **B66C 23/62** (2013.01 - EP US); **B66C 23/68** (2013.01 - EP US); **B66C 23/702** (2013.01 - US); **B66F 7/06** (2013.01 - US); **E04G 21/0436** (2013.01 - EP US); **E04G 21/0445** (2013.01 - EP US); **E04G 21/0463** (2013.01 - US); **B66F 11/042** (2013.01 - US); **E02F 3/3668** (2013.01 - US)

Cited by
CN115947246A

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

DOCDB simple family (publication)
EP 3477018 A1 20190501; **EP 3477018 B1 20210407**; CN 109707168 A 20190503; DE 102017125145 A1 20190502; US 2019127998 A1 20190502

DOCDB simple family (application)
EP 18201908 A 20181023; CN 201811258111 A 20181026; DE 102017125145 A 20171026; US 201816169095 A 20181024