

Title (en)
ARTICULATED ARM ROBOT JOINT ARRANGEMENT

Title (de)
KNICKARMROBOTER-GELENKANORDNUNG

Title (fr)
SYSTÈME D'ARTICULATION DE ROBOT À BRAS ARTICULÉ

Publication
EP 3768475 A1 20210127 (DE)

Application
EP 19711536 A 20190311

Priority
• DE 102018204308 A 20180321
• EP 2019055964 W 20190311

Abstract (en)
[origin: WO2019179803A1] The invention relates to a joint arrangement for an articulated arm robot, said arrangement having a first structural member (12, 15) and a second structural member (13, 16) of the robot which is mounted, in particular floatingly mounted, in a pivot bearing (100) on the first structural member (12, 15), and a first cable (50) having a first cable portion (51) arranged on the first structural member (12, 15) and a second cable portion (52) arranged on the second structural member (13, 16), the first and second cable portions (51, 52) being connected in a first cable loop (53). In one embodiment the joint arrangement has a torque sensor.

IPC 8 full level
B25J 19/00 (2006.01); **H02G 11/00** (2006.01)

CPC (source: EP US)
B25J 9/108 (2013.01 - US); **B25J 17/00** (2013.01 - US); **B25J 19/0025** (2013.01 - EP); **B25J 19/0029** (2013.01 - US)

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)
WO 2019179803 A1 20190926; CN 111886114 A 20201103; DE 102018204308 A1 20190926; EP 3768475 A1 20210127; US 2021023722 A1 20210128

DOCDB simple family (application)
EP 2019055964 W 20190311; CN 201980020592 A 20190311; DE 102018204308 A 20180321; EP 19711536 A 20190311; US 201916982927 A 20190311