

Title (en)

LINE GUIDING DEVICE AND INDUSTRIAL ROBOT WITH SUCH A LINE GUIDING DEVICE

Title (de)

LEITUNGSFÜHRUNGSVORRICHTUNG UND INDUSTRIEROBOTER MIT EINER SOLCHEN LEITUNGSFÜHRUNGSVORRICHTUNG

Title (fr)

DISPOSITIF DE GUIDAGE DE LIGNE/CONDUITE ET ROBOT INDUSTRIEL ÉQUIPÉ D'UN TEL DISPOSITIF DE GUIDAGE DE LIGNE/CONDUITE

Publication

EP 3065917 A1 20160914 (DE)

Application

EP 14795610 A 20141104

Priority

- DE 102013222453 A 20131105
- EP 2014073746 W 20141104

Abstract (en)

[origin: WO2015067622A1] The invention relates to a line guiding device (14, 15) for guiding at least one supply line (19) along a manipulator arm (1) which comprises multiple elements (G1-G7) connected by at least three joints (L1-L6), having: - at least one mounting (20, 21, 22) which is designed to secure at least one supply line (19) section (19a), in particular a fixed supply line section, on at least one of the elements (G1-G7) of the manipulator arm (1), and - a controllable drive device (16, 17) which is designed to actively move at least one other supply line (19) section (19b), in particular a movable supply line section, relative to the manipulator arm (1). The invention also relates to an industrial robot (3) with such a line guiding device (14, 15).

IPC 8 full level

B25J 19/00 (2006.01)

CPC (source: EP)

B25J 19/0025 (2013.01)

Citation (search report)

See references of WO 2015067622A1

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)

DE 102013222453 A1 20150507; EP 3065917 A1 20160914; WO 2015067622 A1 20150514

DOCDB simple family (application)

DE 102013222453 A 20131105; EP 14795610 A 20141104; EP 2014073746 W 20141104