

Title (en)

DRIVE UNIT OF AN AUTOMATION COMPONENT, IN PARTICULAR A GRIPPING, CLAMPING, AND CHANGING OR PIVOTING UNIT

Title (de)

ANTRIEBSEINHEIT EINER AUTOMATIONSKOMPONENTE, INSBESONDERE EINER GREIF-, SPANN- UND WECHSEL- ODER SCHWENKEINHEIT

Title (fr)

UNITÉ D'ENTRAÎNEMENT D'UN ÉLÉMENT D'AUTOMATION, EN PARTICULIER D'UNE UNITÉ DE SAISIE, DE SERRAGE ET DE REMPLACEMENT OU DE PIVOTEMENT

Publication

**EP 3630419 A1 20200408 (DE)**

Application

**EP 18726801 A 20180523**

Priority

- DE 102017111651 A 20170529
- EP 2018063541 W 20180523

Abstract (en)

[origin: WO2018219744A1] The invention relates to a drive unit of an automation component, in particular a gripping, clamping, changing, linear or pivoting unit. The drive unit comprises a drive for driving the movable parts of the automation component and a control unit which controls the drive. The control unit comprises at least one computing device, and the drive unit together with the drive, control unit, and computing device is arranged in or on a base housing of the automation component. The invention is characterized in that the control unit comprises at least one computing device provided with an operating system, by means of which programs that are written in a higher programming language or programs that are translated from a higher programming language are ran on the computing device during the operation of the drive unit.

IPC 8 full level

**B25J 9/16** (2006.01); **B25J 15/02** (2006.01); **G05B 23/02** (2006.01)

CPC (source: EP US)

**B25J 9/161** (2013.01 - US); **B25J 9/1612** (2013.01 - EP); **B25J 9/1643** (2013.01 - US); **B25J 9/1674** (2013.01 - EP US); **B25J 9/1694** (2013.01 - US); **B25J 13/08** (2013.01 - EP); **B25J 13/085** (2013.01 - US); **B25J 13/086** (2013.01 - US); **B25J 13/087** (2013.01 - US); **B25J 15/02** (2013.01 - EP); **B25J 15/0253** (2013.01 - EP); **B25J 19/02** (2013.01 - US); **B25J 19/066** (2013.01 - EP US); **G05B 19/0426** (2013.01 - EP); **G05B 23/0221** (2013.01 - EP); **B25J 9/1612** (2013.01 - US); **B25J 9/1658** (2013.01 - US); **G05B 2219/39466** (2013.01 - EP)

Citation (search report)

See references of WO 2018219744A1

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 102017111651 A1 20181129**; EP 3630419 A1 20200408; JP 2020521643 A 20200727; JP 6970216 B2 20211124; US 11413749 B2 20220816; US 2020180152 A1 20200611; WO 2018219744 A1 20181206

DOCDB simple family (application)

**DE 102017111651 A 20170529**; EP 18726801 A 20180523; EP 2018063541 W 20180523; JP 2019565818 A 20180523; US 201816617596 A 20180523