

Title (en)

CONTROL OF AN INDUSTRIAL ROBOT FOR A GRIPPING TASK

Title (de)

ANSTEUERUNG EINES INDUSTRIEROBOTERS FÜR EINE GREIFAUFGABE

Title (fr)

COMMANDE D'UN ROBOT INDUSTRIEL POUR UNE TÂCHE DE PRÉHENSION

Publication

**EP 4326500 A1 20240228 (DE)**

Application

**EP 22809169 A 20221102**

Priority

- EP 21206501 A 20211104
- EP 2022080483 W 20221102

Abstract (en)

[origin: WO2023078884A1] In one aspect, the present invention relates to a distributed system for controlling at least one robot (R) during a gripping task for gripping objects (O) of different object types that are arranged in a working area (FB, B, T) of the robot (R). The system comprises a central training computer (ZTR) that is designed for pre-training and for post-training and at least one local computing unit (LRE) on which real image data of the object (O) are captured and used to generate post-training data.

IPC 8 full level

**B25J 9/16** (2006.01); **G06N 3/08** (2023.01); **G06N 20/00** (2019.01); **G06V 10/82** (2022.01)

CPC (source: EP)

**B25J 9/1669** (2013.01); **G06N 3/008** (2013.01); **G06N 3/09** (2023.01); **G06V 10/82** (2022.01); **G06V 20/52** (2022.01); **G06V 20/653** (2022.01); **G05B 2219/39543** (2013.01); **G05B 2219/40532** (2013.01); **G05B 2219/40564** (2013.01); **G06N 3/045** (2023.01); **G06N 3/063** (2013.01)

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 ME MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

**EP 4177013 A1 20230510**; EP 4326500 A1 20240228; WO 2023078884 A1 20230511

DOCDB simple family (application)

**EP 21206501 A 20211104**; EP 2022080483 W 20221102; EP 22809169 A 20221102