

Title (en)  
ROBOT AND METHOD FOR CONTROLLING A ROBOT

Title (de)  
ROBOTER UND VERFAHREN ZUR STEUERUNG EINES ROBOTERS

Title (fr)  
ROBOT ET PROCÉDÉ DE COMMANDE D'UN ROBOT

Publication  
**EP 3615280 A1 20200304 (DE)**

Application  
**EP 18719125 A 20180418**

Priority  
• DE 102017003899 A 20170423  
• EP 2018059883 W 20180418

Abstract (en)  
[origin: WO2018197295A1] The invention relates to a robot having a robot manipulator (101) with an effector, wherein the robot manipulator (101) is designed and constructed for picking up, handling and releasing an object and is controlled/regulated in accordance with a control program by a control unit (103), comprising a first sensor means (105), which is designed and constructed to determine a persisting adherence of the object to the effector after a release of the object by the effector in accordance with the control program, and where such adherence persists to generate a signal S, wherein the control unit (103) is designed and constructed to execute the following control program: where a signal S is present, control the robot manipulator (101) in such a manner that it executes a predefined movement in which the effector with the persistently adhering object is passed by a wiping object (104) in such a manner that the adhering object is wiped off on the surface of the wiping object (104). (Fig. 1)

IPC 8 full level  
**B25J 9/16** (2006.01)

CPC (source: EP KR US)  
**B25J 9/1612** (2013.01 - EP KR); **B25J 9/1633** (2013.01 - US); **B25J 9/1674** (2013.01 - US); **B25J 9/1679** (2013.01 - US);  
**B25J 9/1694** (2013.01 - US); **B25J 13/006** (2013.01 - US); **B25J 13/06** (2013.01 - US); **B25J 13/084** (2013.01 - US); **B25J 13/085** (2013.01 - US);  
**B25J 15/0666** (2013.01 - KR); **G06F 3/0486** (2013.01 - US); **B25J 15/00** (2013.01 - US); **G05B 2219/39466** (2013.01 - EP KR);  
**G05B 2219/39514** (2013.01 - EP KR)

Citation (search report)  
See references of WO 2018197295A1

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 102017118983 A1 20181025**; **DE 102017118983 B4 20191002**; CN 110536782 A 20191203; EP 3615280 A1 20200304;  
JP 2020517476 A 20200618; JP 7039056 B2 20220322; KR 102383897 B1 20220408; KR 20200002971 A 20200108;  
SG 11201909831Q A 20191128; US 11420333 B2 20220823; US 2020384651 A1 20201210; WO 2018197295 A1 20181101

DOCDB simple family (application)  
**DE 102017118983 A 20170818**; CN 201880026412 A 20180418; EP 18719125 A 20180418; EP 2018059883 W 20180418;  
JP 2019557591 A 20180418; KR 20197034575 A 20180418; SG 11201909831Q A 20180418; US 201816607284 A 20180418