

Title (en)

METHOD FOR OPERATING A ROBOT, ASSOCIATED ROBOT WITH A VIBRATION DEVICE AND ROBOT WORKSTATION

Title (de)

VERFAHREN ZUM BETREIBEN EINES ROBOTERS, ZUGEHÖRIGER ROBOTER MIT EINER VIBRATIONSVORRICHTUNG UND ROBOTERARBEITSPLATZ

Title (fr)

PROCÉDÉ POUR FAIRE FONCTIONNER UN ROBOT, ROBOT ASSOCIÉ ÉQUIPÉ D'UN DISPOSITIF DE VIBRATION ET POSTE DE TRAVAIL ROBOTISÉ

Publication

**EP 3304230 A1 20180411 (DE)**

Application

**EP 16726085 A 20160530**

Priority

- DE 102015210218 A 20150602
- EP 2016062175 W 20160530

Abstract (en)

[origin: WO2016193217A1] The invention relates to a method for operating a robot (1) at a robot workstation, and an associated robot (1) and robot workstation, wherein the robot comprises a control device (10) that is designed and/or configured to specify a status type to be monitored of the robot workstation or of the robot (1), to monitor a status parameter corresponding to the status type of the robot workstation or of the robot (1), to specify a limit value for the monitored status parameter of the robot workstation or of the robot (1), to move the robot arm (2) in a manually guided manner via the manual application of forces on one or more of the members (L1-L8) in order to adjust the joints (J1-J7) of the robot arm (2), and to generate a vibration on the robot arm (2), controlled via the control device (10), during the manually guided movement, if the monitored status parameter reaches the specified limit value.

IPC 8 full level

**G05B 19/423** (2006.01)

CPC (source: EP)

**G05B 19/423** (2013.01); **G05B 2219/36432** (2013.01); **G05B 2219/45117** (2013.01)

Citation (search report)

See references of WO 2016193217A1

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 102015210218 A1 20161208**; EP 3304230 A1 20180411; WO 2016193217 A1 20161208

DOCDB simple family (application)

**DE 102015210218 A 20150602**; EP 16726085 A 20160530; EP 2016062175 W 20160530