Title (en)
EVALUATING AND/OR CONTROLLING A ROBOT WORK PROCESS

Title (de)
BEWERTEN UND/ODER STEUERN EINES ROBOTERARBEITSPROZESSES

Title (fr)
ÉVALUATION ET/OU COMMANDE D'UN PROCESSUS DE TRAVAIL ROBOTISÉ

Publication
EP 4399065 A1 20240717 (DE)

Application
EP 22769154 A 20220824

Priority
• DE 102021209867 A 20210907
• EP 2022073547 W 20220824

Abstract (en)
[origin: WO2023036610A1] The invention relates to a method for a monitored machine learning process of a process model of a work process of at least one robot (2), having the steps of: detecting (S20) vibration data and measurement data while carrying out the work process; and carrying out a monitored machine learning process (S50) of a process model of the work process on the basis of the measurement data, which is labeled on the basis of the detected vibration data. The invention also relates to a method for evaluating, in particular for monitoring, and/or controlling a work process of at least one robot (2), having the step of: evaluating (S60), in particular monitoring, and/or controlling (S60) a work process of at least one robot (2) on the basis of a process model which is machine-learned using the method for a monitored machine learning process.

IPC 8 full level
B25J 9/16 (2006.01)

CPC (source: EP)
B25J 9/163 (2013.01); **B25J 9/1674** (2013.01); B25J 9/1641 (2013.01); G05B 2219/39241 (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 MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
DE 102021209867 A1 20230309; EP 4399065 A1 20240717; WO 2023036610 A1 20230316

DOCDB simple family (application)
DE 102021209867 A 20210907; EP 2022073547 W 20220824; EP 22769154 A 20220824