

Title (en)

SYSTEM FOR AUTOMATING A MACHINE TOOL

Title (de)

SYSTEM ZUR AUTOMATISIERUNG EINER WERKZEUGMASCHINE

Title (fr)

SYSTÈME D'AUTOMATISATION D'UNE MACHINE-OUTIL

Publication

EP 4210900 A1 20230719 (DE)

Application

EP 21766112 A 20210819

Priority

- DE 102020123316 A 20200907
- DE 2021100703 W 20210819

Abstract (en)

[origin: WO2022048707A1] The invention relates to a system for automating a machine tool, comprising an external device (108) for feeding workpieces and/or tools to and/or discharging workpieces and/or tools from the machine tool (102), at least one actuator (110) for actuating a component of the machine tool (102) and/or at least one sensor (112) for detecting at least one signal of a display component (102a) or a state of the machine tool (102) or of the external device (108), and a control unit (106) which is configured to trigger at least one function of the machine tool (102) or the external device by actuating the at least one actuator (110) and/or to trigger at least one function of the external device (108) on the basis of a signal of the at least one sensor (112).

IPC 8 full level

B23Q 1/00 (2006.01); **B23Q 3/06** (2006.01); **B23Q 7/04** (2006.01); **B23Q 11/08** (2006.01); **B25J 9/00** (2006.01)

CPC (source: EP)

B23Q 1/0045 (2013.01); **B23Q 7/04** (2013.01); **B23Q 3/06** (2013.01); **B23Q 11/0891** (2013.01)

Citation (search report)

See references of WO 2022048707A1

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 102020123316 A1 20220310; CN 116113519 A 20230512; EP 4210900 A1 20230719; JP 2023540460 A 20230925; WO 2022048707 A1 20220310

DOCDB simple family (application)

DE 102020123316 A 20200907; CN 202180054535 A 20210819; DE 2021100703 W 20210819; EP 21766112 A 20210819; JP 2023512402 A 20210819