

Title (en)

INDUSTRIAL PRODUCTION PLANT AND METHOD FOR AN AUTOMATED BOOKING OF MANUAL ACTIONS

Title (de)

INDUSTRIELLE FERTIGUNGSSTÄTTE UND VERFAHREN ZUR AUTOMATISIERTEN VERBUCHUNG VON MANUELLEN TÄTIGKEITEN

Title (fr)

INSTALLATION DE PRODUCTION INDUSTRIELLE ET PROCÉDÉ DE COMPTABILITÉ MANUELLE AUTOMATISÉE

Publication

EP 3785090 A1 20210303 (DE)

Application

EP 19719460 A 20190417

Priority

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- EP 2019059869 W 20190417

Abstract (en)

[origin: WO2019206750A1] The invention relates to a method for an automated booking of manual actions (M) which are carried out by a worker (21) in an industrial production plant (1) while machining a workpiece (23). The booking process is carried out in a digital control system (3) in order to generate a digital process chain (5) of the production. The digital process chain (5) comprises action profiles (31, 32, 33,...), each of which is assigned a manual action (M). The method has the steps of: - providing (step 61) movement data (12A, 12B) of a manual action (M) to be booked, - providing (step 63) position data (9A, 9B) of the manual action (M) to be booked, - algorithmically analyzing (step 65) the movement data (12A, 12B) and the position data (9A, 9B), wherein the movement data (12A, 12B) and the position data (9A, 9B) are input data of a classification process in which the input data is classified with respect to the action profiles (31, 32, 33,...) and a specific action profile (31, 32, 33,...) is output for the movement data (12A, 12B), and - booking the output specific action profile (31, 32, 33,...) in the digital process chain (5) for the workpiece (23).

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 2019206750A1

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