

Title (en)
METHOD FOR PRODUCTION CONTROL OF PRODUCTION PROCESSES IN THE METALWORKING INDUSTRY BY MEANS OF IMAGE-CAPTURING DEVICES

Title (de)
VERFAHREN ZUR FERTIGUNGSSTEUERUNG VON FERTIGUNGSPROZESSEN IN DER METALLVERARBEITENDEN INDUSTRIE MITTELS BILDAUFNAHMEVORRICHTUNGEN

Title (fr)
PROCÉDÉ DE GESTION DE PROCESSUS DE FABRICATION AU MOYEN DE SYSTÈMES DE PRISE DE VUES DANS L'INDUSTRIE DU TRAITEMENT DES MÉTAUX

Publication
EP 3682303 A1 20200722 (DE)

Application
EP 18752130 A 20180803

Priority
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Abstract (en)
[origin: WO2019052742A1] The invention relates to a method for production control of process sequences in the industrial machining of workpieces (23) according to machining plans (37) in a production hall for producing an end product, wherein multiple image-capturing devices (13), e.g. cameras, are arranged in the production hall and capture image sequences (41), e.g. video recordings, of overlapping observation regions (17) of the production hall, wherein an object to be tracked, e.g. a mobile unit (15), a transport means (21), a workpiece (23) or a person (31), is identified in a captured image using at least one object feature, e.g. a geometric shape, colour or a light signal of an LED, and the position of said object is determined by means of an interior location system, and it is established whether the object to be tracked is in a predefined spatial zone (27) and/or has passed through a spatial barrier (29), and wherein the production control system emits signals to support location of the object (15, 21, 23, 31) to be tracked, displays information about the position and/or production status of the object to be tracked, sets operating parameters of a machine tool (7), updates a production log, or assigns the object to be tracked to a production task.

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