

Title (en)

METHOD AND DEVICE FOR PROCESSING A WORKPIECE

Title (de)

VERFAHREN UND VORRICHTUNG ZUR BEARBEITUNG EINES WERKSTÜCKS

Title (fr)

PROCÉDÉ ET DISPOSITIF D'USINAGE D'UNE PIÈCE

Publication

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Application

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Abstract (en)

[origin: WO2020069889A1] The invention relates to a method and a device (10) for processing a workpiece (12) using a laser cutting machine (14). Material parameters (18) and machine parameters (20), and in particular a desired cut edge quality, are specified to the controller (32) by means of an input unit (16). By means of a data aggregation routine (27), the computing unit (22) uses a process parameter algorithm (24) to determine, on the basis of the information specified, improved, preferably optimal, process parameters for processing the workpiece (12). The process parameter algorithm (24) outputs the improved, preferably optimal, process parameters as a recommendation through a display (30) and/or to the controller (32) for the direct control of the laser cutting machine (14).

IPC 8 full level

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CPC (source: EP US)

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