

Title (en)

METHOD, MACHINE TOOL, AND SLOTTING TOOL FOR THE MULTIPLE-STROKE SLOTTING OF PLATE-SHAPED WORKPIECES

Title (de)

VERFAHREN; WERKZEUGMASCHINE UND SCHLITZWERKZEUG ZUM MEHRHUBIG FORTSCHREITENDEN SCHLITZEN VON PLATTENFÖRMIGEN WERKSTÜCKEN

Title (fr)

PROCÉDÉ, MACHINE-OUTIL ET OUTIL DE DÉCOUPAGE POUR LE DÉCOUPAGE CONTINU À COURSE MULTIPLE DE PIÈCES EN FORME DE PLAQUE

Publication

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Application

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Abstract (en)

[origin: WO2018055190A1] The invention relates to a method, a machine tool, and a slotting tool for the multiple-stroke slotting of plate-shaped workpieces (10), in particular sheets, by means of a slotting tool (31) which comprises a punch (11) and a die (9), between which the workpiece (10) to be machined is positioned. The workpiece (10) and the slotting tool (31) are moved relative to each other in the advancing direction (39) with at least one advancing movement between strokes of the punch (11) and the die (9). A slotting stroke for cutting free the material strip (58) and a cutting stroke for separating the material strip (58) are carried out in the slotting tool (31) working phase, in which the punch (11) and/or the die (9) are actuated so as to carry out a stroke movement and a movement in a second movement direction along a movement axis deviating from the stroke movement in a superimposed manner.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

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