

Title (en)

ARRANGEMENT FOR CHANGING THE SHAPE OF A SHEET-LIKE WORKPIECE

Title (de)

ANORDNUNG ZUR FORMÄNDERUNG EINES PLATTENARTIGEN WERKSTÜCKS

Title (fr)

AGENCEMENT DE CHANGEMENT ENSEMBLE DE MODIFICATION DE FORME D'UNE PIÈCE DE TYPE PLAQUE

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Application

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Abstract (en)

[origin: WO2020147935A1] The present invention relates to a method for changing the shape of a sheet-like workpiece (10), which has a shaped recess formed by reducing the thickness of the material, comprising arranging the workpiece (10) on at least two spaced-apart supporting elements (12) of a machine bed (13), shaping the workpiece (10) into a final form by step-by-step free bending, in that the steps of bending a part of the workpiece (10) by lowering an upper die (14) between the supporting elements from a waiting position into a shaping position (15), raising the upper die (14) into the waiting position and moving the position of the workpiece (10) relative to the machine bed (13) are performed repetitively in at least one infeeding direction, and is distinguished by the fact that, before the workpiece (10) is shaped into the final form, a filling element (18) adapted to the shaped recess and designed to make up the material thickness is created and is arranged in the region of the shaped recess. The invention also relates to such an arrangement.

IPC 8 full level

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