

Title (en)

DEVICE AND METHOD FOR SHAPING WORKPIECES BY MEANS OF MAGNETIC PULSE FORMING

Title (de)

EINRICHTUNG UND VERFAHREN ZUM UMFORMEN VON WERKSTÜCKEN MITTELS MAGNETPULSUMFORMUNG

Title (fr)

DISPOSITIF ET PROCÉDÉ DE MISE EN FORME DE PIÈCES PAR FORMAGE PAR IMPULSIONS MAGNÉTIQUES

Publication

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Application

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Abstract (en)

[origin: WO2017186422A1] The invention relates to a device (100) for shaping workpieces, in particular for shaping body sheet-metal parts. The device (100) has a first magnetic forming apparatus (1), which comprises at least one first forming tool (10) and at least one first magnetic tool (11), and a second magnetic forming apparatus (2), which comprises at least one second forming tool (20) and at least one second magnetic tool (21). The first magnetic forming apparatus (1) is designed to shape a workpiece (3) in a first magnetic forming process, and the second magnetic forming apparatus (2) is designed to further shape the workpiece (3) in a second magnetic forming process following the first magnetic forming process. The invention further relates to a method for shaping a workpiece (3).

IPC 8 full level

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