

Title (en)
DEVICE AND METHOD FOR FORMING A WORKPIECE

Title (de)
VORRICHTUNG UND VERFAHREN ZUM UMFORMEN EINES WERKSTÜCKS

Title (fr)
DISPOSITIF ET PROCÉDÉ DE FORMAGE D'UNE PIÈCE

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Abstract (en)
[origin: WO2008017358A1] The invention relates to a device (1) for forming, in particular for cold forming, here in particular for cold extruding, a workpiece (2), which device (1) has a forming die (3) and a feed device (5), by means of which a relative movement can be generated between the workpiece (2) and the forming die (3), wherein the device (1) has a frequency generating device (10) which interacts with the feed device (5), by means of which frequency generating device (10) the relative movement between the workpiece (2) and the forming die (3) as generated by the feed device (5) can be modulated in such a way that, after a forward stroke in which the workpiece (2) and/or the forming die (3) passes through a first stroke travel in the feed direction (P), in a subsequent rearward stroke, a movement of the forming die (3) and/or of the workpiece (2) by a second stroke travel can be carried out in a direction counter to the feed direction (P). It is provided according to the invention that the frequency generating device (10) modulates the feed device (5) in such a way that the stroke travels of the forward strokes and/or of the rearward strokes of at least two successive forming steps, composed in each case of a forward stroke and a rearward stroke, of the device (1) are different. The invention also relates to a corresponding method for forming a workpiece.

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