

Title (en)
DEVICE AND METHOD FOR BENDING A WORKPIECE

Title (de)
VERFAHREN UND VORRICHTUNG ZUM BIEGEN EINES WERKSTÜCKS

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

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Application
EP 10739461 A 20100629

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• AT 10082009 A 20090629

Abstract (en)
[origin: WO2011000013A1] The invention relates to a method for bending a flat workpiece (2), comprising the discharge of high-energy radiation (19) in the form of at least one ray fan (24) from a bending recess (12) of a snaker arrangement (3) having a snaker (7) onto a workpiece (2) bearing against a contact surface (11) of the snaker (7) for the local heating thereof before and/or during a bending process. The one or more ray fans (24; 24a, 24b,...) are produced by a number of optionally activatable radiation sources (22a, 22b,...) which are arranged within the snaker arrangement (3) along the bending recess (12) or are caused by the distribution of a radiation beam (40) that is introduced from a radiation source (39) arranged outside the snakers (7a, 7b,...) via a number of radiation influencing arrangements (23a, 23b,...) within the snakers (7a, 7b,...), and the exiting radiation (19) is thereby adjusted to the bending length (21) of the workpiece to be bent (2) via the number of ray fans (24, 24a, 24b,...).

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