

Title (en)

METHOD AND INSTALLATION FOR MAKING A WORKPIECE COMPRISING AT LEAST A TUBULAR SECTION

Title (de)

VERFAHREN UND ANLAGE ZUR HERSTELLUNG EINES WERKSTÜCKES MIT ZUMINDEST EINEM ROHRFÖRMIGEN QUERSCHNITT

Title (fr)

PROCEDE ET INSTALLATION DE FABRICATION D'UNE PIECE COMPORTANT AU MOINS UNE SECTION TUBULAIRE

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Application

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Abstract (en)

[origin: WO0226412A1] The invention concerns a method which consists in pre-bending a metal plate along at least two longitudinal edges (12-13) then in bending said plate along at least one edge (12-13) using a bending member (103-104) by exerting, during the bending process (F1, F3), a clamping force (F7, F8) of part (23, 24) of the plate relative to the bending member (103, 104). Said clamping force (F7, F8) can be globally oriented towards the edge (12, 13). The installation comprises at least a member for bending (103-104) the metal plate along a longitudinal edge (12-13) of a tubular section of the frame. The bending member (103-104) is equipped with means (103f-104f) for exerting on a part (23, 24) of the plate a clamping force (F7, F8) countering the sliding of part (23, 24) of the plate along the bending member (103, 104). The bending member is articulated about a virtual geometrical axis (a, c) located inside the corresponding tubular section of the component to be produced.

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