

Title (en)

ROLLING FOLDING DEVICE AND METHOD FOR FOLDING AN EDGE SECTION OF A SHEET METAL PART

Title (de)

ROLLFALZVORRICHTUNG UND VERFAHREN ZUM FALZEN EINES KANTENBEREICHS EINES BLECHTEILS

Title (fr)

DISPOSITIF DE REPLIAGE À ROULEAUX ET PROCÉDÉ DE REPLIAGE D'UNE ZONE DE REBORD D'UNE PIÈCE DE TÔLERIE

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Application

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Abstract (en)

[origin: CN107537942A] The invention relates to a rolling folding device (100) and method for folding an edge section of a sheet metal part (11). The rolling folding device (100) is provided with a rolling folding head (14) guided by a robot; the rolling folding head (14) comprises a folding roller (15) which can move along a to-be-folded edge section (10) of the sheet metal part (11) in the folding direction (R); a holding device (16) used for holding the sheet metal part (11) at a determined position is provided; with the holding device (16), pressure can be directly applied to the edge section (10) of the sheet metal part (11); the holding device (16) comprises a first pressing roller (17) arranged in front of the folding roller (15) in the folding direction (R) and a second pressing roller (18) arranged behind the folding roller (15) in the folding direction (R).

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