

Title (en)

APPARATUS AND PROCESS FOR FORMING PROFILES WITH A VARIABLE HEIGHT BY MEANS OF COLD ROLLING

Title (de)

VORRICHTUNG UND VERFAHREN ZUM KALTWALZPROFILIEREN VON PROFILLEN MIT VERÄNDERLICHER HÖHE

Title (fr)

DISPOSITIF ET PROCÉDÉ DE PROFILAGE PAR LAMINAGE À FROID DE PROFILÉS DE HAUTEUR VARIABLE

Publication

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Application

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Priority

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- DE 102007059439 A 20071210

Abstract (en)

[origin: CA2708789A1] The invention relates to an apparatus for forming a profile by means of cold roll forming, said apparatus comprising a forming unit (9) having at least one adjustment stand (17, 17', 17'', 17''') which has a gantry containing a pair of rollers between which there is a gap, through which the sheet-metal strip of length (X) is passed, wherein the gantry is translationally and rotationally displaced, during the cold roll forming, with at least one translatory degree of freedom and one rotary degree of freedom. According to the invention, the apparatus for forming a profile with a variable height is configured in that the gantry has one rotary degree of freedom, which is decoupled from the at least one translatory degree of freedom, about a rotational axis which runs between the rollers substantially in the direction of the gap. The invention also relates to a corresponding process.

IPC 8 full level

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Cited by

EP3034191A1; US11351586B2; WO2016097426A1

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DOCDB simple family (application)

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