Title (en)

COLD ROLLING MACHINE AND METHOD FOR PRODUCING A PROFILE ON A WORKPIECE

Title (de)

KALTWALZMASCHINE UND VERFAHREN ZUR ERZEUGUNG EINES PROFILS AN EINEM WERKSTÜCK

Title (fr)

MACHINE DE LAMINAGE À FROID ET PROCÉDÉ DE GÉNÉRATION D'UN PROFIL AU NIVEAU D'UNE PIÈCE

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2019238430A1] The invention relates to a cold rolling machine (10) and to a method for producing a profile on a workpiece (14). The cold rolling machine (10) has two preferably identically constructed tool units (12, 13). Each tool unit (12, 13) has at least one rolling rod (19) extending in the longitudinal direction (L), a tool slide (21), a slide drive device (25), a pivoting carrier (33) and a pivot drive (38). The at least one rolling rod (19) is fastened to the tool slide (21) and can be moved in the longitudinal direction (L) by means of the slide drive device (25). The pivoting carrier (33) can be pivoted about a pivot axis (S1, S2) extending in the longitudinal direction (L) by means of the pivot drive (38). The tool slide (21) is arranged on the pivoting carrier (33). An angle of inclination (α) can thereby be set between the two rolling rods (19), which angle of inclination can have, for example, a value of 0 degrees to 2.0 degrees or to 0.2 degrees. Conical profiles can thereby be produced in the workpiece (14).

IPC 8 full level

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CPC (source: EP US)

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