

Title (en)
SYSTEM FOR COLD ROLL PROFILING PROFILES HAVING VARIABLE CROSS-SECTIONS

Title (de)
SYSTEM ZUM KALTWALZPROFILIEREN VON PROFILEN MIT VERÄNDERLICHEM QUERSCHNITT

Title (fr)
SYSTÈME POUR LE PROFILAGE À FROID SUR GALETS DE PROFILÉS DE SECTION VARIABLE

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Application
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Abstract (en)
[origin: WO2010037731A2] The invention relates to a system for cold roll profiling profiles having variable cross-sections, comprising a plurality of roll stands arranged in a row, each comprising a pair of rolls, between which a sheet metal strip (2) is guided according to the length (X), wherein the roll stands are moved translationally transversely to the length of the sheet metal strip during cold roll profiling and are moved rotationally about an axis of the roll stand. According to the invention, a reforming device (8, 10, 12) is arranged behind at least one of the roll stands and has at least one drive for generating a movement of the reforming device in a plane transversely to the length (X) of the sheet metal strip. On the basis of data calculated from data relating to the material and thickness of the sheet metal strip, the configuration and control data of the roll stands and the CAD data of the profiles to be shaped, the drive is controlled in such a way that, during ongoing operation of the system, the reforming device automatically cancels any shape deviations in the sheet metal strip leaving the at least one roll stand.

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