

Title (en)
GUIDING AND SHAPING SYSTEM

Title (de)
FÜHRUNGS- UND VERFORMUNGSSYSTEM

Title (fr)
SYSTEME DE GUIDAGE ET DE DEFORMATION

Publication
EP 1879707 B1 20090422 (DE)

Application
EP 06742332 A 20060511

Priority
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Abstract (en)
[origin: US2009277879A1] A guiding and shaping system for producing welded pipes made from metallic strip material. The guiding and shaping system comprises several pairs of rolls that are disposed one behind another in the direction of travel of the workpiece and are used for increasingly cold-working and bending the edges of the workpiece as the workpiece advances. First pairs of rolls grip the top side and bottom side of the workpiece while pairs of rolls that grip the external faces of the bent edges and form the shape of a pipe are provided in the region where the bent edges form undercuts. The guiding and shaping system further comprises a welding device. The workpiece is supported by floatingly mounted lateral rolls until cooling off following the welding process.

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