

Title (en)

Method and apparatus for producing a closed metal profile or metal pipe having a longitudinally varying wall thickness

Title (de)

Verfahren und Vorrichtung zum Herstellen eines geschlossenen Metallprofils oder Metallrohrs mit in Längsrichtung variierender Wanddicke

Title (fr)

Procédé et appareil pour la fabrication d'un profilé métallique fermé ou d'un tube métallique ayant une paroi d'épaisseur variable dans le sens de sa longueur

Publication

EP 1466676 B1 20051012 (DE)

Application

EP 04006468 A 20040318

Priority

DE 10316336 A 20030410

Abstract (en)

[origin: EP1466676A1] The method involves shaping a sheet metal band (7) with thickness varying along its length using roller shaping tools (3,5) to form a profile or pipe, calibrating the profile or pipe in at least one calibration pair of rollers to defined external dimensions and welding the abutting narrow sides of the band together to make a closed profile or pipe. An independent claim is also included for the following: (a) a roller shaping system.

IPC 1-7

B21C 37/08; **B21C 37/15**

IPC 8 full level

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CPC (source: EP US)

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