

Title (en)

Rolling method and rolling device for producing a metal strip with a thickness that is variable across its width

Title (de)

Walzverfahren und Walzvorrichtung zum Herstellen eines Metallbands mit einer über seine Breite variierenden Dicke

Title (fr)

Procédé de laminage et dispositif de laminage pour la fabrication d'une bande de métal ayant une épaisseur variant en largeur

Publication

EP 2208555 B1 20120118 (DE)

Application

EP 09012186 A 20090925

Priority

EP 09012186 A 20090925

Abstract (en)

[origin: EP2208555A1] The method involves producing a recess in a group (A) of roll forming tools (1, 2) by a form roller on a surface of a flat metal strip (5), and reducing thickness of the flat metal strip. The recess with another recess of one of the two form rollers is widened to a thinned region of the metal strip in groups (b, c, d) of the roll forming tools. A motion direction (4) of the former recess is changed by the metal strip along a surface of the roll forming tool engaged in the former recess, where the surface rolls on the metal strip. An independent claim is also included for a rolling device for manufacturing a metal strip.

IPC 8 full level

B21H 8/00 (2006.01); **B21B 1/08** (2006.01)

CPC (source: EP)

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Cited by

DE102016200520A1; EP3085471A1; US10518306B2

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