

Title (en)

Method for flexibly rolling a metal strip

Title (de)

Verfahren zum flexiblen Walzen eines Metallbandes

Title (fr)

Procédé pour le laminage flexible d'une bande métallique

Publication

EP 1074317 B1 20050216 (DE)

Application

EP 00115953 A 20000726

Priority

- DE 19936522 A 19990806
- DE 19939166 A 19990820

Abstract (en)

[origin: EP1074317A2] Flexible metal strip rolling, involving work roll bending line control during or immediately after each roll gap adjustment to obtain flat strip, is new. A flexible rolling process for metal strip comprises adjusting the roll gap during rolling to achieve different strip thicknesses along the strip length, the bending lines of the work rolls being controlled in dependence on the adjusted roll gap during or immediately after each roll gap adjustment in order to achieve strip flatness.

IPC 1-7

B21B 37/26; B21B 37/38

IPC 8 full level

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CPC (source: EP US)

B21B 37/26 (2013.01 - EP US); **B21B 37/38** (2013.01 - EP US); **B21B 38/02** (2013.01 - EP US)

Cited by

EP3342494A1; WO2018122020A1; DE102016123069A1; DE102009050997A1; EP2745948A1; DE10335666A1; DE102009050997B4; CN110177627A; RU2764727C2; AU2017387446B2; US8522586B2; US10566885B2; EP1388486A2; WO2010086141A1; DE102009057180A1; TWI746756B; WO2021084379A1; WO2007062734A1; EP1772354A2; WO2024028640A1; WO2024028763A1; US11865598B2; EP3097992A1; WO2016193089A1; EP3301197A1; WO2018060454A1; US10946425B2; US11352678B2; US11511328B2; EP3566790B1

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