

Title (en)
Flatness-control of strip-edges

Title (de)
Bandkanten-Planheitssteuerung

Title (fr)
Contrôle de la planéité des cotés d'une bande

Publication
EP 1336437 B1 20051019 (DE)

Application
EP 03003777 A 20030219

Priority
DE 10206758 A 20020219

Abstract (en)
[origin: EP1336437A1] Process for controlling surface evenness of a metal sheet (1) during rolling, especially reducing rolling, comprises pre-determining the heat requirement of the regions of the rollers (2, 3) near the sheet edges and independently controlling a device (4) for at least partial heating of the rollers. An Independent claim is also included for a device for carrying out the above process. Preferred Features: The heat requirement of the zones of the rollers near the sheet is pre-determined. A flatness determination to improve the pre-determination of the heat requirement determines a flatness value of the metal sheet after rolling, especially using a flatness-measuring roller (6). The control (5) pre-determines the heat requirement by at least partial continual process simulation.

IPC 1-7
B21B 37/32

IPC 8 full level
B21B 37/32 (2006.01); **B21B 27/10** (2006.01)

CPC (source: EP)
B21B 37/32 (2013.01); **B21B 27/106** (2013.01); **B21B 2263/04** (2013.01)

Cited by
WO2024041892A1; CN114728315A; EP4074430A4; DE102023200055A1; US12103060B2

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AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT SE SI SK TR

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