

Title (en)
CONTROL METHOD FOR A ROLLING STAND FOR ROLLING A STRIP

Title (de)
STEUERVERFAHREN FÜR EIN WALZGERÜST ZUM WALZEN EINES BANDES

Title (fr)
PROCÉDÉ DE COMMANDE D'UNE CAGE DE LAMINOIR DESTINÉE AU LAMINAGE D'UN FEUILLARD

Publication
EP 2099574 A1 20090916 (DE)

Application
EP 07847858 A 20071205

Priority
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• DE 102007001539 A 20070110

Abstract (en)
[origin: US2010000278A1] A strip has a left and a right side. The strip is rolled in a rolling stand. Stresses occurring in the strip at the feed and exit sides are detected by corresponding measuring sensors positioned on the left and right sides of the strip. The detected stresses are fed to a control unit for the rolling stand. The control unit determines a measurement for the transversal positioning of the strip in relation to the rolling stand using the relationship $Z = ZLE \cdot ZLA - ZRE - ZRA$, where Z is the measurement. ZLE, ZLA, ZRE and ZRA are the individually detected stresses. The control unit determines a correcting variable for correcting the transversal positioning of the strip using the measurement for the transversal positioning and controls the rolling stand according to the correcting variable.

IPC 8 full level
B21B 37/68 (2006.01)

CPC (source: EP US)
B21B 37/68 (2013.01 - EP US); **B21B 38/06** (2013.01 - EP US); **B21B 2273/04** (2013.01 - EP US)

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Designated contracting state (EPC)
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US 2010000278 A1 20100107; **US 8806909 B2 20140819**; AT E525144 T1 20111015; BR PI0720855 A2 20140325; CN 101583441 A 20091118; CN 101583441 B 20110907; DE 102007001539 A1 20080717; EP 2099574 A1 20090916; EP 2099574 B1 20110921; PL 2099574 T3 20120229; RU 2009130358 A 20110220; RU 2451568 C2 20120527; WO 2008083880 A1 20080717

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