

Title (en)

Device and method for adjusting the guides for the entry of the strip in a mill

Title (de)

Vorrichtung und Verfahren zur Einstellung der Führungen für den Bandeinlauf in ein Walzwerk

Title (fr)

Dispositif et procédé pour ajuster les guides d'entrée d'une bande dans un laminoir

Publication

EP 0925854 A2 19990630 (EN)

Application

EP 98204393 A 19981223

Priority

IT MI972879 A 19971224

Abstract (en)

A device for adjusting the guides for the entry of the strip in a housing, the particularity of which is the fact that it comprises: at least one pair of mutually opposite guides which are suitable to adjust the correct alignment of the strip that enters the housing and are actuated, in terms of position and force, by respective actuation means; position and force/pressure transducer means which are connected to the actuation means; and an electronic adjustment unit, which is suitable to receive signals from the position and force/pressure transducer means for the closed-loop control of the actuation means, in order to keep the guides in the correct position with respect to the strip and apply to the edges of the strip a force which is controlled as a function of parameters related to the position, width and thickness of the strip, which are detected by the transducer means.
<IMAGE>

IPC 1-7

B21B 39/14

IPC 8 full level

B21B 39/14 (2006.01)

CPC (source: EP)

B21B 39/14 (2013.01)

Cited by

WO2007104604A1; RU2646653C1; EP2527056A1; CN102773356A; CN102770220A; KR101421983B1; US9346088B2; US8616035B2; US8429943B2; WO2006119984A1; WO2012159864A1; WO2011029599A1; US8291736B2; JP2013515615A

Designated contracting state (EPC)

AT CH DE ES FR GB IT LI SE

DOCDB simple family (publication)

EP 0925854 A2 19990630; EP 0925854 A3 20020403; EP 0925854 B1 20050323; AT E291501 T1 20050415; DE 69829454 D1 20050428; DE 69829454 T2 20060413; ES 2241099 T3 20051016; IT 1296906 B1 19990802; IT MI972879 A1 19990624

DOCDB simple family (application)

EP 98204393 A 19981223; AT 98204393 T 19981223; DE 69829454 T 19981223; ES 98204393 T 19981223; IT MI972879 A 19971224