

Title (en)
ROLLING METHOD FOR A STRIP

Title (de)
WALZVERFAHREN FÜR EIN BAND

Title (fr)
PROCÉDÉ DE LAMINAGE POUR UNE BANDE

Publication
EP 2094411 B1 20110720 (DE)

Application
EP 07821561 A 20071019

Priority
• EP 2007061197 W 20071019
• DE 102006059709 A 20061218

Abstract (en)
[origin: US2010031723A1] A strip has a strip head and a strip leg. It is rolled, beginning at the strip head, in a roll stand of a rolling device between an upper and a lower roller arrangement of the roll stand. It is monitored whether the strip foot reaches a switching point located, viewed in the rolling direction, in front of the roll stand. From the time the strip leg reaches the switching point, the roller arrangements are subjected to a bending force expanding the roller arrangements by means of an adjusting device, the force being at least as high as a minimal force. The minimal force is at least as high as a balancing force of the upper roller arrangement. The minimal force is determined as a function of the parameters of the strip and/or the operating parameters of the rolling device.

IPC 8 full level
B21B 37/68 (2006.01)

CPC (source: EP US)
B21B 37/68 (2013.01 - EP US); **B21B 31/203** (2013.01 - EP US); **B21B 37/38** (2013.01 - EP US); **B21B 38/00** (2013.01 - EP US); **B21B 2269/04** (2013.01 - EP US); **B21B 2273/16** (2013.01 - EP US); **B21B 2273/18** (2013.01 - EP US); **B21B 2273/20** (2013.01 - EP US)

Cited by
CN107671126A

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
US 2010031723 A1 20100211; US 8459074 B2 20130611; AT E516898 T1 20110815; BR PI0720430 A2 20131231; BR PI0720430 A8 20161018; CA 2672789 A1 20080626; CN 101563174 A 20091021; CN 101563174 B 20150422; DE 102006059709 A1 20080619; EP 2094411 A1 20090902; EP 2094411 B1 20110720; PL 2094411 T3 20111230; RU 2009127738 A 20110127; RU 2469808 C2 20121220; UA 97261 C2 20120125; WO 2008074539 A1 20080626

DOCDB simple family (application)
US 51940507 A 20071019; AT 07821561 T 20071019; BR PI0720430 A 20071019; CA 2672789 A 20071019; CN 200780046898 A 20071019; DE 102006059709 A 20061218; EP 07821561 A 20071019; EP 2007061197 W 20071019; PL 07821561 T 20071019; RU 2009127738 A 20071019; UA A200906306 A 20071019