

Title (en)
WIDTH-ALTERING SYSTEM FOR STRIP-SHAPED ROLLED MATERIAL

Title (de)
BREITENBEEINFLUSSUNG EINES BANDFÖRMIGEN WALZGUTS

Title (fr)
PROCÉDÉ PERMETTANT D'INFLUER SUR LA LARGEUR D'UNE MATIÈRE À LAMINER EN FORME DE BANDE

Publication
EP 2906369 A1 20150819 (DE)

Application
EP 13765985 A 20130917

Priority
• DE 102012218353 A 20121009
• EP 2013069240 W 20130917

Abstract (en)
[origin: WO2014056681A1] The invention relates to a method for altering the width of a strip-shaped rolled material (5), in particular before hot rolling, during hot rolling or after hot rolling the rolled material in a hot rolling mill. The problem addressed by the invention is to specify a method for altering width, by means of which the length of a rolled out transition piece lying outside the width tolerances can be reduced. Scrap losses are supposed be reduced thereby. This problem is solved in that the crown of at least one working roll and/or at least one backing roll of a stand (7) is set as a function of a width error $e = B_{setp} - B$ between a setpoint width B_{setp} and the width B of the rolled material (5), wherein the crown is increased when $e > 0$ and the crown is reduced when $e < 0$. AA R_{crown} BB B_{setp}

IPC 8 full level
B21B 37/16 (2006.01)

CPC (source: CN EP RU US)
B21B 1/463 (2013.01 - US); **B21B 13/22** (2013.01 - US); **B21B 31/16** (2013.01 - US); **B21B 37/16** (2013.01 - CN EP US); **B22D 11/1206** (2013.01 - EP US); **B21B 1/46** (2013.01 - CN EP US); **B21B 37/16** (2013.01 - RU); **B21B 37/28** (2013.01 - CN EP US); **B21B 2267/18** (2013.01 - CN EP US)

Citation (search report)
See references of WO 2014056681A1

Citation (third parties)
Third party :
DE 3843730 A1 19900628 - SALZGITTER PEINE STAHLWERKE [DE]

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
DE 102012218353 A1 20140410; CN 104837574 A 20150812; CN 104837574 B 20170503; EP 2906369 A1 20150819; EP 2906369 B1 20161102; IN 2529DEN2015 A 20150911; KR 102131182 B1 20200708; KR 20150065862 A 20150615; RU 2015117467 A 20161210; RU 2643002 C2 20180129; US 2015258592 A1 20150917; US 9764367 B2 20170919; WO 2014056681 A1 20140417

DOCDB simple family (application)
DE 102012218353 A 20121009; CN 201380052879 A 20130917; EP 13765985 A 20130917; EP 2013069240 W 20130917; IN 2529DEN2015 A 20150327; KR 20157011849 A 20130917; RU 2015117467 A 20130917; US 201314434351 A 20130917