

Title (en)
METHOD FOR ROLLING A ROLLING MATERIAL AND ROLLING MILL

Title (de)
VERFAHREN ZUM WALZEN EINES WALZGUTS UND WALZWERK

Title (fr)
PROCÉDÉ POUR LAMINER UNE MATIÈRE À LAMINER ET LAMINOIR

Publication
EP 3362199 B1 20200219 (DE)

Application
EP 16778843 A 20161011

Priority

- DE 102015220042 A 20151015
- DE 102016214715 A 20160809
- EP 2016074258 W 20161011

Abstract (en)
[origin: WO2017064017A1] The invention relates to a method for rolling a rolling material (3) in a rolling mill (1) comprising at least one roll stand, wherein a gap height of a rolling gap arranged between working rolls (2) of the roll stand is set to be smaller than an in-feed thickness (h1) of the rolling material (3) before contact of the rolling material (3) with said working rolls (2), wherein at least one driven working roll (2) of the roll stand is driven at a desired rotational speed (v0) once the rolling material (3) has reached the rolling gap, and wherein the driven working roll (2) is operated at a feed-forward rotational speed (vV) deviating from the desired rotational speed (v0), until the rolling material (3) reaches the rolling gap. In order to reduce as much as possible the change in the tension in the rolling material (3) during entry of a leading edge of the rolling material (3) into the roll stand, the invention proposes that the feed-forward rotational speed (vV) is varied after contact of the rolling material (3) with the driven working roll (2) in such a way that the feed-forward rotational speed (vV) increases or decreases monotonically.

IPC 8 full level
B21B 37/46 (2006.01)

CPC (source: EP KR US)
B21B 37/46 (2013.01 - EP KR US); **B21B 37/72** (2013.01 - EP KR US); **B21B 2275/04** (2013.01 - EP KR US)

Citation (opposition)
Opponent : Primetals Technologies Germany GmbH,

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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

DOCDB simple family (publication)
WO 2017064017 A1 20170420; CN 108136462 A 20180608; CN 108136462 B 20200103; DE 102016214715 A1 20170420;
EP 3362199 A1 20180822; EP 3362199 B1 20200219; EP 3362199 B2 20230111; JP 2018534145 A 20181122; JP 6620233 B2 20191211;
KR 20180056721 A 20180529; US 10875065 B2 20201229; US 2018297094 A1 20181018

DOCDB simple family (application)
EP 2016074258 W 20161011; CN 201680060012 A 20161011; DE 102016214715 A 20160809; EP 16778843 A 20161011;
JP 2018519454 A 20161011; KR 20187011118 A 20161011; US 201615768108 A 20161011