

Title (en)
METHOD AND ROLLING MILL FOR COLD ROLLING ROLLED STOCK

Title (de)
VERFAHREN UND WALZGERÜST ZUM KALTWALZEN VON WALZGUT

Title (fr)
PROCÉDÉ ET CAGE DE LAMINAGE À FROID D'UN PRODUIT

Publication
EP 2988884 A1 20160302 (DE)

Application
EP 14719338 A 20140425

Priority
• DE 102013207690 A 20130426
• DE 102013224647 A 20131129
• EP 2014058503 W 20140425

Abstract (en)
[origin: WO2014174099A1] The invention relates to a method and a rolling stand (100) for cold rolling rolled stock. The rolling stand (100) comprises at least one upper and one lower backup roll (110-1, 110-2) and also an upper and a lower work roll (120-1, 120-2), which define a roll gap (128). Optionally, a lower and an upper intermediate roll (130-1, 130-2) may also be provided between the work rolls and the backup rolls. In order to ensure an absolutely equal circumferential speed of the upper and lower work rolls when cold rolling in skin-pass mode, it is proposed according to the invention to decouple the upper or lower work roll from its associated drive device.

IPC 8 full level
B21B 1/22 (2006.01); **B21B 35/14** (2006.01)

CPC (source: EP US)
B21B 1/22 (2013.01 - EP US); **B21B 13/001** (2013.01 - EP US); **B21B 13/14** (2013.01 - US); **B21B 35/06** (2013.01 - EP US); **B21B 35/14** (2013.01 - EP US); **B21B 37/16** (2013.01 - US); **B21B 37/28** (2013.01 - US); **B21B 45/0248** (2013.01 - US); **B21B 2001/221** (2013.01 - EP US); **B21B 2001/228** (2013.01 - EP US); **B21B 2013/025** (2013.01 - EP US); **B21B 2013/028** (2013.01 - EP US); **B21B 2265/12** (2013.01 - EP US); **B21B 2265/14** (2013.01 - EP US); **B21B 2269/04** (2013.01 - EP US); **B21B 2269/06** (2013.01 - EP US)

Citation (search report)
See references of WO 2014174099A1

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 102014207859 A1 20141030; CN 105142810 A 20151209; EP 2988884 A1 20160302; EP 2988884 B1 20161214; JP 2016531754 A 20161013; KR 101737945 B1 20170519; KR 20150139571 A 20151211; US 2016059283 A1 20160303; WO 2014174099 A1 20141030

DOCDB simple family (application)
DE 102014207859 A 20140425; CN 201480023734 A 20140425; EP 14719338 A 20140425; EP 2014058503 W 20140425; JP 2016509495 A 20140425; KR 20157031474 A 20140425; US 201414786210 A 20140425