

Title (en)  
MILLING DEVICE FOR INLINE-ROLLING A STEEL BAND PRODUCED ESPECIALLY BY MEANS OF A TWIN-ROLL CONTINUOUS CASTING PROCESS

Title (de)  
WALZEINRICHTUNG FÜR EIN INLINE-WALZEN EINES INSBESONDERE DURCH EIN ZWEIROLLEN-BANDGIESSEN HERGESTELLTES STAHLBAND

Title (fr)  
DISPOSITIF DE LAMINAGE SERVANT A LAMINER EN LIGNE UN RUBAN D'ACIER PRODUIT EN PARTICULIER AU MOYEN D'UN PROCESSUS DE COULEE EN BANDE FAISANT INTERVENIR DEUX CYLINDRES

Publication  
**EP 1850978 A1 20071107 (DE)**

Application  
**EP 06723098 A 20060223**

Priority  
• EP 2006001675 W 20060223  
• CH 3332005 A 20050223

Abstract (en)  
[origin: WO2006089755A1] Disclosed is a milling device for inline-rolling a steel band which is produced especially by means of a twin-roll continuous casting process. Said milling device comprises at least two rolling units (20, 30) with working rolls (21, 31) that mill the steel band (11) and support rolls (22, 32) which support said working rolls. The working rolls and support rolls are rotatably mounted in bearing housings (23, 24, 33, 34). At least two rolling units (20, 30) are disposed successively in a monolithic or multipiece frame structure (15) such that the rolling temperatures between the rolling units differ only slightly while a simple and inexpensive design is created.

IPC 8 full level  
**B21B 13/22** (2006.01)

CPC (source: EP KR US)  
**B21B 13/22** (2013.01 - EP KR US); **B21B 1/46** (2013.01 - EP US); **B21B 9/00** (2013.01 - EP US); **B21B 13/14** (2013.01 - EP US); **B21B 31/02** (2013.01 - EP US); **B21B 31/10** (2013.01 - EP US); **B21B 37/52** (2013.01 - EP US); **B21B 39/16** (2013.01 - EP US); **B21B 45/0209** (2013.01 - EP US); **B21B 2013/003** (2013.01 - EP US); **B21B 2013/021** (2013.01 - EP US); **B21B 2013/025** (2013.01 - EP US); **B21B 2265/12** (2013.01 - EP US); **B21B 2269/14** (2013.01 - EP US); **Y10T 29/49991** (2015.01 - EP US)

Citation (search report)  
See references of WO 2006089755A1

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 NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**WO 2006089755 A1 20060831**; AT E552926 T1 20120415; CA 2598850 A1 20060831; CA 2598850 C 20140429; CH 697624 B1 20081231; CN 101128270 A 20080220; CN 101128270 B 20111214; EP 1850978 A1 20071107; EP 1850978 B1 20120411; ES 2385253 T3 20120720; JP 2008538535 A 20081030; JP 4823238 B2 20111124; KR 101278764 B1 20130625; KR 20070106531 A 20071101; US 2008276680 A1 20081113; US 7984634 B2 20110726

DOCDB simple family (application)  
**EP 2006001675 W 20060223**; AT 06723098 T 20060223; CA 2598850 A 20060223; CH 3332005 A 20050223; CN 200680005800 A 20060223; EP 06723098 A 20060223; ES 06723098 T 20060223; JP 2007556557 A 20060223; KR 20077019263 A 20060223; US 88469706 A 20060223