

Title (en)
ROLLING FRAME AND METHOD FOR ADJUSTING SAID ROLLING FRAME

Title (de)
WALZGERÜST UND VERFAHREN ZUR EINSTELLUNG DES WALZGERÜSTES

Title (fr)
CAGE DE LAMINOIR ET PROCEDE POUR REGLER UNE CAGE DE LAMINOIR

Publication
EP 1601475 B1 20070530 (DE)

Application
EP 04719924 A 20040312

Priority
• DE 2004000557 W 20040312
• DE 10312122 A 20030313

Abstract (en)
[origin: DE10312122B3] The columns provide guidance for the roller insert (2) and accommodate flexure blocks. A short-stroke adjustment cylinder (7) is located between the lower roller support insert (8) and the lower traverse (5). By separate arrangement of the tension spindles (3) and the roller insert (2) in the machine frame columns (1), the functions of force transmission onto the rollers and guidance for the roller inserts (2) are separated. An independent claim is included for the corresponding method of adjustment.

IPC 8 full level
B21B 31/04 (2006.01); **B21B 13/10** (2006.01); **B21B 29/00** (2006.01); **B21B 31/02** (2006.01); **B21B 31/24** (2006.01); **B21B 31/32** (2006.01); **B21B 37/00** (2006.01)

CPC (source: EP US)
B21B 13/10 (2013.01 - EP US); **B21B 31/04** (2013.01 - EP US); **B21B 29/00** (2013.01 - EP US); **B21B 31/028** (2013.01 - EP US); **B21B 31/24** (2013.01 - EP US); **B21B 31/32** (2013.01 - EP US); **B21B 37/007** (2013.01 - EP US)

Cited by
DE102009039501A1; WO2011023378A1; US9527121B2

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

DOCDB simple family (publication)
DE 10312122 B3 20040812; AT E363346 T1 20070615; CN 100355512 C 20071219; CN 1747801 A 20060315; DE 502004003958 D1 20070712; EP 1601475 A1 20051207; EP 1601475 B1 20070530; JP 2006519702 A 20060831; JP 4733629 B2 20110727; MY 139439 A 20091030; RU 2005131612 A 20060220; RU 2346770 C2 20090220; TW 200510086 A 20050316; TW I315220 B 20091001; UA 83819 C2 20080826; US 2006191308 A1 20060831; US 2008016932 A1 20080124; WO 2004080622 A1 20040923

DOCDB simple family (application)
DE 10312122 A 20030313; AT 04719924 T 20040312; CN 200480004014 A 20040312; DE 2004000557 W 20040312; DE 502004003958 T 20040312; EP 04719924 A 20040312; JP 2006504265 A 20040312; MY PI20040826 A 20040310; RU 2005131612 A 20040312; TW 93106507 A 20040311; UA 2005008681 A 20040312; US 54686105 A 20050823; US 84546807 A 20070827