

Title (en)

ROLLER DEVICE WITH ADJUSTER DEVICE

Title (de)

WALZVORRICHTUNG MIT VERSTELLVORRICHTUNG

Title (fr)

LAMINOIR COMPORTANT UN DISPOSITIF DE DÉPLACEMENT

Publication

EP 2310151 B1 20130605 (DE)

Application

EP 09777080 A 20090709

Priority

- EP 2009004995 W 20090709
- DE 102008032522 A 20080710

Abstract (en)

[origin: CA2729842A1] The invention relates to a roller device (1) comprising a stand with support posts (2, 12, 33), wherein at least one roller (3, 13) of the roller stand is arranged in the space between the support posts and at least one adjuster device (5, 10, 30) is provided for adjusting the rollers (3), wherein the at least one adjuster device (5, 10, 30) is arranged between the rollers (3, 13) and the support posts (2, 2a, 2b, 2c, 2d, 12, 33) and comprises a pressure medium adjuster body (14, 23, 34).

IPC 8 full level

B21B 31/32 (2006.01)

CPC (source: EP KR US)

B21B 31/32 (2013.01 - EP KR US); **B21B 31/28** (2013.01 - EP US); **B21B 2031/206** (2013.01 - EP US)

Designated contracting state (EPC)

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 SE SI SK SM TR

DOCDB simple family (publication)

DE 102008032522 A1 20100114; BR PI0915544 A2 20160726; CA 2729842 A1 20100114; CN 102089090 A 20110608;
EP 2310151 A2 20110420; EP 2310151 B1 20130605; JP 2011527240 A 20111027; JP 5345212 B2 20131120; KR 101203397 B1 20121121;
KR 20110015678 A 20110216; RU 2457053 C1 20120727; US 2011219835 A1 20110915; WO 2010003676 A2 20100114;
WO 2010003676 A3 20100304

DOCDB simple family (application)

DE 102008032522 A 20080710; BR PI0915544 A 20090709; CA 2729842 A 20090709; CN 200980126887 A 20090709;
EP 09777080 A 20090709; EP 2009004995 W 20090709; JP 2011517030 A 20090709; KR 20117000093 A 20090709;
RU 2011104702 A 20090709; US 200913003351 A 20090709