

Title (en)

DEVICE FOR RAISING AND WITHDRAWING A BACK-UP ROLL BEARING UNIT

Title (de)

VORRICHTUNG ZUM AUF- UND ABZIEHEN EINER STÜTZWALZEN-LAGEREINHEIT

Title (fr)

DISPOSITIF POUR INSTALLER ET RETIRER UN PALIER D'UN CYLINDRE D'APPUI

Publication

**EP 1214158 A2 20020619 (DE)**

Application

**EP 00962495 A 20000916**

Priority

- DE 19945070 A 19990920
- EP 0009058 W 20000916

Abstract (en)

[origin: US7082800B1] The invention relates to a device for raising and withdrawing a bearing unit of a back-up roll of a roll stand. Said bearing unit is comprised of a piece to be inserted inside which has a roll pin bearing arranged therein. According to the invention, a change-over device is configured so that it can be temporarily coupled to the bearing unit and is provided for effecting an axial movement toward and away from the back-up roll.

IPC 1-7

**B21B 1/00**

IPC 8 full level

**B21B 31/02** (2006.01); **B21B 1/00** (2006.01); **B21B 31/07** (2006.01); **B21B 31/08** (2006.01); **B21B 31/10** (2006.01)

CPC (source: EP KR US)

**B21B 31/074** (2013.01 - EP US); **B21B 31/08** (2013.01 - EP KR US); **B21B 2203/30** (2013.01 - EP US); **Y10T 29/53865** (2015.01 - EP US)

Citation (search report)

See references of WO 0121333A2

Cited by

US7836581B2

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

**US 7082800 B1 20060801**; AT E252422 T1 20031115; BR 0013865 A 20020514; CA 2387989 A1 20010329; CN 1191890 C 20050309; CN 1374892 A 20021016; DE 19945070 A1 20010322; DE 50004194 D1 20031127; EP 1214158 A2 20020619; EP 1214158 B1 20031022; ES 2209983 T3 20040701; JP 2003509216 A 20030311; JP 4579475 B2 20101110; KR 100709900 B1 20070424; KR 20020060699 A 20020718; MX PA02003008 A 20021023; RU 2002110462 A 20040320; RU 2251461 C2 20050510; TW 473406 B 20020121; WO 0121333 A2 20010329; WO 0121333 A3 20011011

DOCDB simple family (application)

**US 8828602 A 20020621**; AT 00962495 T 20000916; BR 0013865 A 20000916; CA 2387989 A 20000916; CN 00813142 A 20000916; DE 19945070 A 19990920; DE 50004194 T 20000916; EP 0009058 W 20000916; EP 00962495 A 20000916; ES 00962495 T 20000916; JP 2001524747 A 20000916; KR 20027003466 A 20020315; MX PA02003008 A 20000916; RU 2002110462 A 20000916; TW 89117364 A 20000828