Title (en)
DEVICE AND WORKING METHOD FOR AUTOMATICALLY CHANGING THE WORK ROLLS, THE BACK-UP ROLLS AND THE INTERMEDIATE ROLLS OF A SINGLE-STAND OR MULTIPLE-STAND STRIP MILL

Title (de)
VORRICHTUNG UND ARBEITSVERFAHREN ZUM AUTOMATISCHEN WECHSELN DER ARBEITS-, STÜTZ- UND ZWISCHENWALZEN EINES EIN- ODER MEHRGERÜSTIGEN BANDWALZWERKES

Title (fr)
DISPOSITIF ET PROCEDE DE CHANGEMENT AUTOMATIQUE DES CYLINDRES DE TRAVAIL, DES CYLINDRES D'APPUI ET DES CYLINDRES INTERMEDIAIRES D'UN LAMINOIR A FEUILLARDS EQUIPE D'AU MOINS UNE CAGE DE LAMINOIR

Publication
EP 1414597 A1 20040506 (DE)

Application
EP 02754457 A 20020726

Priority
• DE 0202808 W 20020726
• DE 10138589 A 20010806

Abstract (en)
[origin: DE10138589A1] Device to automatically exchange a roller set consisting of working rollers, supporting rollers and intermediate rollers in a rolling mill comprises positioning a traverse (3) on a roller exchange car (2) having wheels (4); moving the traverse on guide rails (5) into the roll stand; and withdrawing from the stand. An Independent claim is also included for a process for automatically exchanging a roller set consisting of working rollers, supporting rollers and intermediate rollers in a rolling mill. Preferred Features: The wheels of the traverse are positioned in an upper region and roll in the roll stand on intermediate roller rails (8) of the upper intermediate roller.

IPC 1-7
B21B 31/10

IPC 8 full level
B21B 31/08 (2006.01); **B21B 31/10** (2006.01)

CPC (source: EP US)
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DOCDB simple family (publication)
DE 10138589 A1 20030220; CN 1247332 C 20060329; CN 1538885 A 20041020; DE 50209241 D1 20070222; EP 1414597 A1 20040506; EP 1414597 B1 20070110; JP 2004538147 A 20041224; JP 4414756 B2 20100210; RU 2004106602 A 20050610; RU 2297291 C2 20070420; US 2004231389 A1 20041125; US 7381301 B2 20080603; WO 03015948 A1 20030227

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