

Title (en)

CAR AND METHOD FOR TRANSPORTING A DRIVE SPINDLE FOR A ROLLER OF A ROLL STAND

Title (de)

WAGEN UND VERFAHREN ZUM TRANSPORTIEREN EINER ANTRIEBSSPINDEL FÜR EINE WALZE EINES WALZGERÜSTES

Title (fr)

CHARIOT ET PROCÉDÉ DE TRANSPORT D'UNE BROCHE D'ENTRAÎNEMENT POUR UN CYLINDRE D'UNE CAGE DE LAMINOIR

Publication

EP 2358486 B1 20140326 (DE)

Application

EP 09777912 A 20090817

Priority

- EP 2009005941 W 20090817
- DE 102008057926 A 20081119

Abstract (en)

[origin: WO2010057545A1] The invention relates to a car (100) for transporting at least one drive spindle for a roller of a roll stand (300) and to a method for operating the car. The car comprises a running unit (105) for displacing the car from the operating side of the roll stand, through the roll stand, to the drive side, or vice versa, and the car is built flat enough that it fits under the drive spindles. The car according to the invention is an alternative to the prior art. Said car is designed as a lift car having a first carrier device (110) and a first drive unit (120), wherein the first drive unit (120) serves for raising or lowering the first carrier device (110), optionally having the drive spindle (200), relative to a neutral position.

IPC 8 full level

B21B 35/14 (2006.01)

CPC (source: EP KR US)

B21B 35/14 (2013.01 - KR); **B21B 35/148** (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)

WO 2010057545 A1 20100527; BR PI0921462 A2 20160906; CN 102215991 A 20111012; EP 2358486 A1 20110824; EP 2358486 B1 20140326; JP 2012509183 A 20120419; JP 5490814 B2 20140514; KR 101299938 B1 20130826; KR 20110058899 A 20110601; RU 2011124932 A 20121227; RU 2481165 C2 20130510; UA 99062 C2 20120710; US 2011289995 A1 20111201

DOCDB simple family (application)

EP 2009005941 W 20090817; BR PI0921462 A 20090817; CN 200980146805 A 20090817; EP 09777912 A 20090817; JP 2011536747 A 20090817; KR 20117009111 A 20090817; RU 2011124932 A 20090817; UA A201107551 A 20090817; US 200913130095 A 20090817