

Title (en)

Device and method for the quick changing of rolls in a six-high rolling stand

Title (de)

Vorrichtung und Verfahren für schnellen Walzenwechsel an einem Sechswalzen-Walzgerüst

Title (fr)

Dispositif et procédé pour changer rapidement les cylindres d'une cage de laminoin à six cylindres

Publication

EP 0911089 B1 20011121 (DE)

Application

EP 98118625 A 19981001

Priority

DE 19747013 A 19971024

Abstract (en)

[origin: EP0911089A2] Each seating element (11, 12) for seating a lower intermediate roll (23, 23') with its bearing blocks (19, 19') has an intermediate frame (3, 4) which can be driven in and out of the side shifter cassette (10). Each seating element (11, 12) for seating a lower intermediate roll (23, 23') with its bearing blocks (19, 19') has an intermediate frame (3, 4) which can be driven in and out of the side shifter cassette (10). The method includes preparation of the roll stand for roll changing, positioning of the roll changing trolley (1) and the gripper trolley, extraction of the rolls to be changed from the roll stand, removal of the gripper trolley with rolls, positioning of the side shifter cassette (10) with new rolls, and use of the gripper trolley to insert these new rolls into the roll stand. It further includes steps concerned with use of the intermediate frames (3, 4) and a crane to complete the roll changing operations.

IPC 1-7

B21B 31/10

IPC 8 full level

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CPC (source: EP US)

B21B 31/103 (2013.01 - EP US); **B21B 2013/028** (2013.01 - EP US)

Cited by

WO2023001599A1; WO2004039512A1; WO2007080086A1; US8511127B2; US8522590B2; US8555688B2; DE102021207948A1

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