

Title (en)  
ROLLING MILL COMPRISING SUPPORT PLATES

Title (de)  
WALZWERK MIT SUPPORTPLATTEN

Title (fr)  
LAMINOIR A PLAQUES DE SUPPORT

Publication  
**EP 1558409 B1 20060524 (DE)**

Application  
**EP 03748074 A 20030923**

Priority  
• DE 10250431 A 20021030  
• EP 0310549 W 20030923

Abstract (en)  
[origin: US2006150702A1] In order to shorten the delivery path of working rolls for their replacement in a rolling mill with support plates which are provided on an operating side (BS) of roll stands (F 1 -Fi), are displaced transversely to roll axes, are outfitted for receiving working roll sets ( 4 ), and are located adjacent to a mill floor level ( 7 ) for transporting the working rolls ( 4 ) back and forth, and with trenches ( 10 ) which are arranged upstream of respective roll stands (F 1 -Fi) on the operating side (BS) and a base ( 11 ) of which is outfitted for delivery of back-up roll sets ( 9 ), it is suggested that a transport device ( 12 ) be associated a transport device ( 12 ) is associated with the support plates ( 2 ) for transporting respective support plates ( 2 ) back and forth between a position for replacing the working rolls and in which the support plates ( 2 a) are arranged immediately adjacent to the roll stands above the trenches ( 10 ), and a position of replacing back-up rolls and in which the support plates ( 2 c) are located beneath the mill floor level ( 7 ) adjacent to a trench region.

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

CPC (source: EP US)  
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Designated contracting state (EPC)  
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