

Title (en)

Parting adjustment system for housingless roll stand.

Title (de)

Vorrichtung zur Walzspaltregelung für ein ständerfreies Walzgerüst.

Title (fr)

Système de réglage d'emprise pour un laminoir sans cage.

Publication

**EP 0659495 A3 19950816 (EN)**

Application

**EP 94309605 A 19941221**

Priority

US 17342493 A 19931223

Abstract (en)

[origin: EP0659495A2] A housingless roll stand has parallel first and second rolls (12,14) extending transversely with respect to the mill passline (P). The roll ends of the first roll (12) are journaled for rotation in bearings (16) contained in first chock assemblies (18) and the roll ends of the second roll (14) are journaled for rotation in bearings (16) contained in second chock assemblies (20). Each of the first chock assemblies is arranged adjacent to a second chock assembly on a respective side of the mill pass line. Pairs of identically configured screw shafts (22) interconnect each of the first chock assemblies to the adjacent second chock assembly. The screw shafts each have a first threaded section (22a) threadedly engaged with the respective first chock assembly and an opposite hand second threaded section (22c) threadedly engaged with the respective second chock assembly. The screw shafts are simultaneously rotated to effect roll parting adjustments. <IMAGE>

IPC 1-7

**B21B 31/24**

IPC 8 full level

**B21B 31/02** (2006.01); **B21B 31/04** (2006.01); **B21B 31/24** (2006.01)

CPC (source: EP)

**B21B 31/04** (2013.01); **B21B 31/24** (2013.01); **B21B 2203/02** (2013.01)

Citation (search report)

- [A] EP 0557874 A1 19930901 - DANIELI OFF MECC [IT]
- [A] GB 2197811 A 19880602 - HILLE ENG CO LTD
- [A] DE 1198774 C

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EP1118393A3; CN107377627A; US6341897B1; WO9815365A1

Designated contracting state (EPC)

AT BE CH DE ES FR GB IT LI LU PT SE

DOCDB simple family (publication)

**EP 0659495 A2 19950628**; **EP 0659495 A3 19950816**; AU 8164894 A 19950727; BR 9405227 A 19950801; CA 2138809 A1 19950624; CN 1108975 A 19950927; JP H0810813 A 19960116; ZA 9410278 B 19950829

DOCDB simple family (application)

**EP 94309605 A 19941221**; AU 8164894 A 19941220; BR 9405227 A 19941222; CA 2138809 A 19941220; CN 94113201 A 19941223; JP 33674894 A 19941226; ZA 9410278 A 19941222