

Title (en)
Roll stand

Title (de)
Walzgerüst

Title (fr)
Cage de laminoir

Publication
EP 0597265 B1 19951220 (DE)

Application
EP 93116475 A 19931012

Priority
DE 4234732 A 19921015

Abstract (en)
[origin: US5787749A] A universal rolling mill stand includes a drive side roll mount, an operator's side roll mount extending parallel to the drive side roll mount and adapted to move away therefrom, and an alternate frame, in which horizontal and vertical rolls are mounted and which is movable together with the operator's side roll mount.

IPC 1-7
B21B 31/08; **B21B 13/10**

IPC 8 full level
B21B 13/10 (2006.01); **B21B 31/00** (2006.01); **B21B 31/02** (2006.01); **B21B 31/08** (2006.01); **B21B 13/02** (2006.01); **B21B 13/06** (2006.01); **B21B 31/04** (2006.01); **B21B 31/26** (2006.01)

CPC (source: EP US)
B21B 31/08 (2013.01 - EP US); **B21B 13/02** (2013.01 - EP US); **B21B 13/06** (2013.01 - EP US); **B21B 31/04** (2013.01 - EP US); **B21B 31/26** (2013.01 - EP US); **B21B 2013/106** (2013.01 - EP US); **B21B 2031/023** (2013.01 - EP US); **B21B 2203/06** (2013.01 - EP US)

Designated contracting state (EPC)
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US 5787749 A 19980804; AT E131755 T1 19960115; CN 1045264 C 19990929; CN 1088857 A 19940706; DE 4234732 A1 19940421; DE 59301209 D1 19960201; EP 0597265 A1 19940518; EP 0597265 B1 19951220; JP 3231917 B2 20011126; JP H06190411 A 19940712

DOCDB simple family (application)
US 13786893 A 19931015; AT 93116475 T 19931012; CN 93118931 A 19931015; DE 4234732 A 19921015; DE 59301209 T 19931012; EP 93116475 A 19931012; JP 25592793 A 19931013