

Title (en)
Rolling stand

Title (de)
Walzgerüst

Title (fr)
Cage de laminoir

Publication
EP 0669172 B1 19971022 (DE)

Application
EP 95100645 A 19950119

Priority
DE 4406454 A 19940228

Abstract (en)
[origin: EP0669172A1] The stand has an upper and a lower section (7,14), support rollers (2-6a,9-13a), and pairs of opposite protective plates (15,21). Upper and lower plates are each connected pivoted to the stand sections, via pivot joints (16,22) with pivot axis (16a,22a), which are parallel to the working rollers (1,8). The tips of the upper protective plates facing the working rollers have support elements (19). These retain the upper working roller, when the upper protective plates are pivoted in direction of the upper stand section. The plates are divided into outer sections, and inner sections associated with the working rollers.

IPC 1-7
B21B 39/16; **B21B 31/20**

IPC 8 full level
B21B 27/10 (2006.01); **B21B 13/14** (2006.01); **B21B 31/08** (2006.01); **B21B 31/20** (2006.01); **B21B 39/14** (2006.01); **B21B 39/16** (2006.01); **B21B 45/02** (2006.01)

CPC (source: EP US)
B21B 31/20 (2013.01 - EP US); **B21B 39/16** (2013.01 - EP US); **B21B 13/147** (2013.01 - EP US); **B21B 45/0218** (2013.01 - EP US); **B21B 2027/103** (2013.01 - EP US)

Cited by
DE102013009695A1

Designated contracting state (EPC)
DE ES FR GB IT

DOCDB simple family (publication)
DE 4406454 C1 19950824; DE 59500820 D1 19971127; EP 0669172 A1 19950830; EP 0669172 B1 19971022; ES 2107867 T3 19971201; JP 3792744 B2 20060705; JP H0833903 A 19960206; US 5558017 A 19960924

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