

Title (en)
Multi-roll stand

Title (de)
Mehrwalzengerüst

Title (fr)
Cage de laminoir à plusieurs cylindres

Publication
EP 1074315 A3 20031029 (DE)

Application
EP 00116457 A 20000729

Priority
DE 19936427 A 19990803

Abstract (en)
[origin: EP1074315A2] A flexible strip rolling mill stand, with four independently axially displaceable back-up rolls (5-8), is new. A multi-roll strip rolling mill stand, used for flexible rolling, has four back-up rolls (5-8) which can be independently axially displaced relative to one another by the same or different distances from the vertical central plane of the stand (1) for equalization of roll set bending and for adaptation to the strip width.

IPC 1-7
B21B 13/14; **B21B 37/24**; **B21B 37/42**; **B21B 37/26**

IPC 8 full level
B21B 29/00 (2006.01); **B21B 13/14** (2006.01); **B21B 37/24** (2006.01); **B21B 37/42** (2006.01)

CPC (source: EP US)
B21B 13/147 (2013.01 - EP US); **B21B 37/24** (2013.01 - EP US); **B21B 37/42** (2013.01 - EP US); **B21B 2205/02** (2013.01 - EP US); **B21B 2269/04** (2013.01 - EP US); **B21B 2269/18** (2013.01 - EP US); **B21B 2273/22** (2013.01 - EP US)

Citation (search report)

- [PA] DE 29913509 U1 19990930 - ACHENBACH BUSCHHUETTEN GMBH [DE]
- [A] PATENT ABSTRACTS OF JAPAN vol. 005, no. 083 (M - 071) 30 May 1981 (1981-05-30)
- [A] PATENT ABSTRACTS OF JAPAN vol. 004, no. 080 (M - 015) 10 June 1980 (1980-06-10)
- [A] PATENT ABSTRACTS OF JAPAN vol. 009, no. 275 (M - 426) 2 November 1985 (1985-11-02)

Cited by
WO2009010219A1; WO2013071867A1; WO2021175636A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
EP 1074315 A2 20010207; **EP 1074315 A3 20031029**; **EP 1074315 B1 20050928**; DE 10036564 A1 20010222; DE 10036564 C2 20010621; DE 50011243 D1 20060209; ES 2245917 T3 20060201; JP 2001071006 A 20010321; US 6314782 B1 20011113

DOCDB simple family (application)
EP 00116457 A 20000729; DE 10036564 A 20000727; DE 50011243 T 20000729; ES 00116457 T 20000729; JP 2000235375 A 20000803; US 63123200 A 20000802