

Title (en)
Rolling mill

Title (de)
Walzstrasse

Title (fr)
Train de laminage

Publication
EP 0857522 B1 20021127 (DE)

Application
EP 98100361 A 19980112

Priority
DE 19701235 A 19970116

Abstract (en)
[origin: US5941115A] A rolling train, particularly tandem stand group, includes roll stands, particularly two universal stands and an edging stand arranged between the universal stands, wherein the roll stands are each equipped with guide fittings, and wherein the rolling train further includes a shifting platform arranged on the operator side and an exchange carriage moveable for changing rolls. The guide fittings are connected to the roll sets and can be moved out of the rolling line as a unit together with the roll housings on the operator side of the three roll stands.

IPC 1-7
B21B 39/16

IPC 8 full level
B21B 31/08 (2006.01); **B21B 1/12** (2006.01); **B21B 13/12** (2006.01); **B21B 31/10** (2006.01); **B21B 39/16** (2006.01); **B21B 31/02** (2006.01); **B21B 31/04** (2006.01)

CPC (source: EP US)
B21B 1/12 (2013.01 - EP US); **B21B 31/10** (2013.01 - EP US); **B21B 31/04** (2013.01 - EP US); **B21B 39/16** (2013.01 - EP US); **B21B 2031/023** (2013.01 - EP US)

Cited by
EP0949017A3; EP1232807A3; EP1234620A3; CN103752616A; WO03022472A1; WO2016142362A1

Designated contracting state (EPC)
AT DE GB IT

DOCDB simple family (publication)
US 5941115 A 19990824; AT E228402 T1 20021215; DE 19701235 A1 19980723; DE 59806383 C5 20131224; DE 59806383 D1 20030109; EP 0857522 A1 19980812; EP 0857522 B1 20021127; JP 4468492 B2 20100526; JP H10272504 A 19981013

DOCDB simple family (application)
US 670698 A 19980114; AT 98100361 T 19980112; DE 19701235 A 19970116; DE 59806383 T 19980112; EP 98100361 A 19980112; JP 600498 A 19980114