

Title (en)
Roller straightening machine.

Title (de)
Rollenrichtmaschine.

Title (fr)
Machine à dresser à rouleaux.

Publication
EP 0551656 A1 19930721 (DE)

Application
EP 92122118 A 19921230

Priority
DE 4201072 A 19920117

Abstract (en)
A roller straightening machine, in particular for girders with a wide web. The lower straightening rollers 5, 6 can be mounted in an overhung manner on the supporting shafts 1. These supporting shafts 1 are supported in axially displaceable fashion at two points in a bearing housing which rests on lifting elements 11, 12 and can be moved up and down in vertical guides 17 of a supporting carriage 13. The supporting carriage 13 is arranged so as to be horizontally displaceable. The inclination of the bearing housing 2 which accommodates the supporting shafts 1 of the straightening rollers 5, 6 is designed to be adjustable perpendicularly to the axis of the supporting shafts.

Abstract (de)
Eine Rollenrichtmaschine, insb. für Träger mit großer Steghöhe. Die unteren Richtrollen 5, 6 sind fliegend auf die Tragwellen 1 aufsetzbar. Diese Tragwellen 1 sind zweifach axial verschiebbar in einem Lagergehäuse gelagert, das auf Hubelementen 11, 12 ruht und in Vertikalführungen 17 eines Tragschlittens 13 auf- und abbewegbar ist. Der Tragschlitten 13 ist horizontal verschiebbar angeordnet. Das Lagergehäuse 2, das die Tragwelle 1 der Richtrolle 5, 6 aufnimmt, ist senkrecht zur Tragwellenachse neigungsverstellbar ausgebildet. <IMAGE>

IPC 1-7
B21D 3/02; B21D 3/04; B22D 11/12

IPC 8 full level
B21D 3/02 (2006.01); **B21D 3/04** (2006.01); **B21D 3/05** (2006.01); **B22D 11/12** (2006.01)

CPC (source: EP KR US)
B21D 3/04 (2013.01 - KR); **B21D 3/05** (2013.01 - EP US); **B22D 11/1226** (2013.01 - EP US)

Citation (search report)

- [A] DE 2850397 A1 19800529 - SCHLOEMANN SIEMAG AG
- [A] DE 2416148 A1 19741017 - NIPPON STEEL CORP
- [A] DE 1552977 A1 19690911 - SIEMAG SIEGENER MASCH BAU
- [A] DE 3423835 C1 19860227 - MANNESMANN AG
- [A] DE 2455252 B
- [A] DE 2143146 A1 19730301 - SCHLOEMANN AG

Cited by
EP1038602A1

Designated contracting state (EPC)
AT DE ES FR GB IT

DOCDB simple family (publication)
EP 0551656 A1 19930721; EP 0551656 B1 19950621; AT E123978 T1 19950715; CA 2087370 A1 19930718; CN 1047335 C 19991215; CN 1075106 A 19930811; DE 59202620 D1 19950727; JP H0615360 A 19940125; KR 100227023 B1 19991015; KR 930016160 A 19930826; US 5327760 A 19940712

DOCDB simple family (application)
EP 92122118 A 19921230; AT 92122118 T 19921230; CA 2087370 A 19930115; CN 93101071 A 19930116; DE 59202620 T 19921230; JP 516093 A 19930114; KR 920027155 A 19921231; US 371793 A 19930113