

Title (en)

Arrangement of the finishing section of a single strand wire rolling mill

Title (de)

Ausbildung des Fertigabschnittes einer einadrigen Drahtwalzstrasse

Title (fr)

Agencement de la section de finition d'un train de laminage de fils à brin unique

Publication

**EP 0976463 A3 20030205 (DE)**

Application

**EP 99111051 A 19990614**

Priority

DE 19833505 A 19980724

Abstract (en)

[origin: US6161411A] A finishing section of a single-strand wire rolling train with two finishing blocks, wherein, for selectively rolling smaller and larger wire diameters, one of the finishing blocks is arranged in a first rolling line extending in the rolling line of the intermediate rolling section of the train and the other finishing block is arranged in a second rolling line extending parallel to the first rolling line, wherein the wire strand arriving from the intermediate rolling section is selectively supplied to one of the finishing blocks through a distributing guide unit arranged following the intermediate rolling section and the wire strand is conducted after rolling possibly over an additional distributing guide unit to a wire collecting unit arranged following the additional distributing guide unit. A finishing block intended for rolling only small wire diameters is arranged in one of the rolling lines and a finishing block intended for rolling only large wire diameters is arranged in the other rolling line.

IPC 1-7

**B21B 1/18**

IPC 8 full level

**B21B 1/18** (2006.01); **B22D 11/04** (2006.01)

CPC (source: EP US)

**B21B 1/18** (2013.01 - EP US); **B21B 2013/003** (2013.01 - EP US)

Citation (search report)

- [DY] EP 0606966 B1 19970924 - MORGAN CONSTRUCTION CO [US]
- [Y] EP 0694345 A1 19960131 - SCHLOEMANN SIEMAG AG [DE]
- [A] US 4182148 A 19800108 - GILVAR MARTIN [US]
- [A] DE 2517894 A1 19761104 - MOELLER & NEUMANN GMBH

Cited by

EP0987064A3

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)

**US 6161411 A 20001219**; AT E276053 T1 20041015; DE 19833505 A1 20000127; DE 59910494 D1 20041021; EP 0976463 A2 20000202; EP 0976463 A3 20030205; EP 0976463 B1 20040915; JP 2000126802 A 20000509

DOCDB simple family (application)

**US 35995599 A 19990722**; AT 99111051 T 19990614; DE 19833505 A 19980724; DE 59910494 T 19990614; EP 99111051 A 19990614; JP 20961199 A 19990723