

Title (en)
Combined line for small sections and wire.

Title (de)
Kombinierte Feinstahl- und Drahtstrasse.

Title (fr)
Ligne combinée pour petits fers et fil.

Publication
EP 0455082 B1 19940629 (DE)

Application
EP 91106401 A 19910420

Priority
DE 4014411 A 19900504

Abstract (en)
[origin: EP0455082A1] The invention proposes a combined line for small sections and wire, which consists essentially of so-called cantilever (CL stands) with floating roll rings and the special feature of which consists in the fact that a number of roll stands (7) with a modular unit (8, 8', 8'') comprising roll rings (10) supported on both sides (double bearing) are arranged in the roughing line (1) and in the intermediate line (2) and/or the finishing line (3). The CL modular unit of the CL stands comprising floating roll rings can, if required, be replaceable by a modular unit comprising roll rings with double bearings. For this purpose, the second bearing (18) of the modular unit is arranged in a casing frame (19) which can be coupled to the gear casing (12) of the CL stand, and the roll ring can be mounted and demounted by means of an automatically actuated, preferably hydraulically acting, rapid clamping device (11), which has piston-cylinder units (25, 26) for clamping and releasing the roll ring on the shaft (14) in the axial and radial direction. The modular unit furthermore is a roll casing (40) of sandwich-type construction with casing plates (44) which can be separated from one another. <IMAGE>

IPC 1-7
B21B 1/16; **B21B 27/02**

IPC 8 full level
B21B 13/00 (2006.01); **B21B 1/16** (2006.01); **B21B 1/18** (2006.01); **B21B 27/02** (2006.01); **B21B 31/08** (2006.01); **B21B 1/12** (2006.01); **B21B 27/10** (2006.01); **B21B 31/26** (2006.01)

CPC (source: EP US)
B21B 1/18 (2013.01 - EP US); **B21B 27/035** (2013.01 - EP US); **B21B 31/08** (2013.01 - EP US); **B21B 1/12** (2013.01 - EP US); **B21B 13/001** (2013.01 - EP US); **B21B 13/005** (2013.01 - EP US); **B21B 31/26** (2013.01 - EP US); **B21B 2013/006** (2013.01 - EP US); **B21B 2027/103** (2013.01 - EP US); **B21B 2203/06** (2013.01 - EP US)

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CN103691738A; EP0773072A1; US5782125A; EP3378577A1; WO2005092529A1; US11478831B2

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

DOCDB simple family (publication)
EP 0455082 A1 19911106; **EP 0455082 B1 19940629**; AT E107876 T1 19940715; CN 1056268 A 19911120; DE 59102051 D1 19940804; JP 2810557 B2 19981015; JP H04228205 A 19920818; US 5144828 A 19920908

DOCDB simple family (application)
EP 91106401 A 19910420; AT 91106401 T 19910420; CN 91102780 A 19910504; DE 59102051 T 19910420; JP 9999591 A 19910501; US 69619091 A 19910506