

Title (en)

Coil forming head for forming loops from wire leaving a wire rolling mill

Title (de)

Vorrichtung zur Bildung von Schlingen aus einem aus einer Walzdrahtstrasse austretenden Drahtstrang mittels eines rotierenden Schlingenlegers

Title (fr)

Tête de formation de boucles de fil à partir d'un film sortant d'un laminoir

Publication

**EP 0885668 A3 20000705 (DE)**

Application

**EP 98110736 A 19980612**

Priority

DE 19725774 A 19970618

Abstract (en)

[origin: EP0885668A2] The loop layer and also the drive device are arranged inclined to the horizontal. With a fixed arrangement of the drive device (TE) and the loop layer (SL) at a predetermined angle of inclination, the conveyor (4) accommodating the loop is formed adjustably as to its pivot angle to the horizontal. The pivot axis (5) for the angle adjustment of the conveyor (4) is arranged at a distance beneath it from the end (4b) turned away from the loop accommodation end (4a). The drive of the drive device (TE) can be regulated. With the drive of both drive rollers (1, 2) of the drive device (TR), their pressure is activated by pressure-regulatable pneumatic-piston-cylinder units.

IPC 1-7

**B21C 47/14**; **B21C 47/26**

IPC 8 full level

**B21B 1/16** (2006.01); **B21B 39/12** (2006.01); **B21C 47/14** (2006.01); **B21C 47/24** (2006.01); **B21C 47/26** (2006.01)

CPC (source: EP US)

**B21C 47/143** (2013.01 - EP US); **B21C 47/146** (2013.01 - EP US); **B21C 47/26** (2013.01 - EP US)

Citation (search report)

- [X] DE 3537668 A1 19870423 - KRUPP GMBH [DE]
- [A] US 3452785 A 19690701 - MCLEAN DAVID WILLIAM, et al
- [X] DE 2837912 A1 19800313 - MOELLER & NEUMANN GMBH

Cited by

EP2017018A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

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**EP 0885668 A2 19981223**; **EP 0885668 A3 20000705**; **EP 0885668 B1 20021127**; AT E228404 T1 20021215; DE 19725774 A1 19981224; DE 59806402 D1 20030109; JP H1177154 A 19990323; US 5944275 A 19990831

DOCDB simple family (application)

**EP 98110736 A 19980612**; AT 98110736 T 19980612; DE 19725774 A 19970618; DE 59806402 T 19980612; JP 16738198 A 19980615; US 9533698 A 19980610