

Title (en)

Coil forming head for wire coming from a wire rolling mill

Title (de)

Windungsleger für aus einer Drahtwalzstrasse kommenden schnellbewegten Walzdraht

Title (fr)

Tête de formation de boucles pour fil venant d'un train de laminage de fil

Publication

EP 1184097 A3 20020731 (DE)

Application

EP 01119489 A 20010814

Priority

DE 10043572 A 20000901

Abstract (en)

[origin: EP1184097A2] The opposing guide walls (FW) of the guide channel (FR) narrow down steadily from entry (EO) into funnel shape and then steadily expand from before the center to the outlet opening (AO). With a channel (FR) turning 360 degrees from entry (EO) to outlet (AO) the narrow part formed by the contracting walls (FWR, FWV) accounts for 0 to 110 degrees of the 360 degrees turn so the ensuing expanding parts accounts for 250 degrees . The rear channel (FR) wall (FWR) towards the outlet (AO) rises through 360 degrees at a constant angle (α) to the outside (AU) of the support (TK) as against the leading channel wall (FWV) which remains level in the 110 degrees region only to rise at angle (β) more steeply than the rise angle (α) of the rear wall (FWR).

IPC 1-7

B21C 47/14

IPC 8 full level

B21C 47/14 (2006.01)

CPC (source: EP US)

B21C 47/14 (2013.01 - EP US); **B21C 47/143** (2013.01 - EP US)

Citation (search report)

- [A] FR 1526997 A 19680531 - SCHLOEMANN AG
- [A] DE 1240025 B 19670511 - SCHLOEMANN AG
- [A] DD 269329 A1 19890628 - THAELMANN SCHWERMASCHBAU VEB [DD]
- [AD] EP 0554976 A1 19930811 - MORGAN CONSTRUCTION CO [US]

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