

Title (en)

Device for the feeding and lateral displacement of rolled wire loops

Title (de)

Vorrichtung zur Führung und Querverschiebung von Walzdrahtwindungen

Title (fr)

Dispositif pour l'alimentation et le déplacement latéral de boucles de fil laminé

Publication

EP 0943378 A3 20010425 (DE)

Application

EP 99104713 A 19990310

Priority

DE 19811649 A 19980318

Abstract (en)

[origin: EP0943378A2] A method for stacking coiled wire from a wire rolling process has the hot coils (S) laid flat onto a horizontal conveyer (2) in a continuous process. The cooled coils are dropped over a former (5) to stack and with the coils guided by pendant arms (3) which are swung into the stacking housing through slots in the sides of the housing. The pendant arms are driven by servo drives linked to a common control, or by control rings which impart an even force on the arms. The arms are made of hardened metal, or are coated with hardened metal.

IPC 1-7

B21C 47/14

IPC 8 full level

B21B 41/00 (2006.01); **B21C 47/14** (2006.01)

CPC (source: EP US)

B21C 47/146 (2013.01 - EP US)

Citation (search report)

- [X] US 4357965 A 19821109 - KOSUGE YASUO, et al
- [X] PATENT ABSTRACTS OF JAPAN vol. 018, no. 151 (M - 1576) 14 March 1994 (1994-03-14)
- [PX] PATENT ABSTRACTS OF JAPAN vol. 1998, no. 11 30 September 1998 (1998-09-30)
- [A] PATENT ABSTRACTS OF JAPAN vol. 1998, no. 03 27 February 1998 (1998-02-27)

Designated contracting state (EPC)

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EP 0943378 A2 19990922; EP 0943378 A3 20010425; DE 19811649 A1 19990923; JP H11319930 A 19991124; US 6158683 A 20001212

DOCDB simple family (application)

EP 99104713 A 19990310; DE 19811649 A 19980318; JP 7086799 A 19990316; US 27039399 A 19990316