

Title (en)

Method and device for minimising the height of wire bundles in a coiling chamber

Title (de)

Verfahren und Vorrichtung zum Minimieren der Bundhöhe von Draht in einer Bundbildekammer

Title (fr)

Procédé et dispositif pour minimiser la hauteur de bobines de fil dans un tambour de réformation de spires de fil

Publication

EP 0979689 A3 20010425 (DE)

Application

EP 99115314 A 19990803

Priority

DE 19835962 A 19980808

Abstract (en)

[origin: EP0979689A2] The bundle height minimizing process is applied to wire bundles in a bundle building chamber (2). Individual wire windings are fed onto a horizontal transporting section (6), and at the end, are brought into a roughly vertical falling motion, falling into the chamber. The wire windings are laid out of their fall line eccentrically to the axis of symmetry (x-x) of the bundle building chamber, with a variable angle offset between two successive windings.

IPC 1-7

B21C 47/14

IPC 8 full level

B21C 47/02 (2006.01); **B21C 47/14** (2006.01); **B21C 47/26** (2006.01)

CPC (source: EP US)

B21C 47/14 (2013.01 - EP US); **B21C 47/146** (2013.01 - EP US); **B21C 47/265** (2013.01 - EP US)

Citation (search report)

- [DXY] US 5143315 A 19920901 - FAESSEL ANDRE [FR], et al
- [XY] DE 19620578 A1 19971127 - THAELMANN SCHWERMASCHBAU VEB [DE]
- [DXY] US 5273231 A 19931228 - STARVASKI RAYMOND R [US]
- [DXY] EP 0768126 A1 19970416 - SCHLOEMANN SIEMAG AG [DE]
- [Y] DE 1011840 B 19570711 - CONTINENTAL CAN CO
- [A] US 3232553 A 19660201 - KITSELMAN HARRY L
- [X] US 3647153 A 19720307 - SCHOFIELD RICHARD WESTWELL

Cited by

DE10103677B4; CN102962298A; CN113924174A

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)

EP 0979689 A2 20000216; **EP 0979689 A3 20010425**; **EP 0979689 B1 20040428**; AT E265283 T1 20040515; DE 19835962 A1 20000217; DE 59909299 D1 20040603; JP 2000071011 A 20000307; US 6405958 B1 20020618

DOCDB simple family (application)

EP 99115314 A 19990803; AT 99115314 T 19990803; DE 19835962 A 19980808; DE 59909299 T 19990803; JP 22415299 A 19990806; US 36881499 A 19990805