

Title (en)

Device for coiling thin rolled-strips and coiling device at the end of an installation for continuous rolling

Title (de)

Vorrichtung zum Anwickeln von dünnem bandförmigem Walzgur und Haspelanordnung am Ende einer Anlage zum Endloswalzen

Title (fr)

Dispositif d'enroulement de bandes laminées minces et dispositif d'enroulement à la fin d'une installation de laminage en continu

Publication

**EP 0881009 A3 20020109 (DE)**

Application

**EP 98250171 A 19980519**

Priority

DE 19722883 A 19970526

Abstract (en)

[origin: EP0881009A2] The apparatus for coiling a thin strip (2) onto the spool (1) incorporates endless chain units which are partially wrapped around the first coils of the strip. The chain units are guided on toothed, partially driven wheels, and are made up of hinged plates whose smooth surfaces face the strip. By means of rocker levers (4, 5) they can be moved between the winding and rest positions. The plate chain units (11) are provided with several bending rolls (13, 14) which are laterally distanced from one another and distributed over the strip width. The rolls are mounted on at least two parallel driven shafts in such a way that their surfaces effecting the coiling of the strip (2) onto the spool (1) fit into the gaps between the parallel plate chain units (11) to contact the strip.

IPC 1-7

**B21C 47/06**

IPC 8 full level

**B21C 47/06** (2006.01)

CPC (source: EP)

**B21C 47/066** (2013.01)

Citation (search report)

- [A] US 2699904 A 19550118 - WOOD FRANK J
- [A] DE 2315188 A1 19741010 - MOELLER & NEUMANN GMBH
- [A] PATENT ABSTRACTS OF JAPAN vol. 1998, no. 04 31 March 1998 (1998-03-31)
- [A] PATENT ABSTRACTS OF JAPAN vol. 013, no. 100 (M - 805) 9 March 1989 (1989-03-09)

Cited by

CN103008388A; CN112872093A

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 0881009 A2 19981202; EP 0881009 A3 20020109**

DOCDB simple family (application)

**EP 98250171 A 19980519**