

Title (en)

Process for making link belts.

Title (de)

Verfahren zum Herstellen von Drahtgliederbändern.

Title (fr)

Procédé pour la fabrication de bandes à chaînons.

Publication

**EP 0117304 A1 19840905 (DE)**

Application

**EP 83112252 A 19810502**

Priority

DE 3017378 A 19800507

Abstract (en)

1. A process for making link belts of synthetic wire material for use with paper making machines, in which wire helices (1, 2) with alternating right-hand and left-hand pitch are laterally slid one into the other whereby closely interlocked crowns of adjacent wire helices (1, 2) form tubular channels (13, 14) into which connecting wires (8) of synthetic material are threaded characterized in that - the connecting wires (8) are thermally fixed prior to being threaded into the channels (13, 14), and - in one operation, one connecting wire (8), each, is threaded into at least two adjacent channels (13, 14).

Abstract (de)

Ein Verfahren und eine Vorrichtung zum Herstellen von Drahtgliederbändern, deren Wendeln mit Verbindungsdrähten verbunden sind, wird beschrieben. Dabei werden mehrere Verbindungsdrähte (8) gemeinsam in die röhrenförmigen Öffnungen (13, 14) der ineinandergreifenden Windungen benachbarter Wendeln eingeschoben. Es wird dadurch das Herstellen von Drahtgliederbändern rationeller und einfacher und mechanisierter.

IPC 1-7

**D21F 1/00**

IPC 8 full level

**D21F 1/10** (2006.01); **B21F 27/00** (2006.01); **B21F 27/18** (2006.01); **B21F 43/00** (2006.01); **B21F 45/00** (2006.01); **D21F 1/00** (2006.01)

CPC (source: EP US)

**B21F 27/18** (2013.01 - EP US); **B21F 43/00** (2013.01 - EP US); **D21F 1/0072** (2013.01 - EP US); **Y10T 29/49782** (2015.01 - EP US); **Y10T 29/4987** (2015.01 - EP US); **Y10T 29/53291** (2015.01 - EP US); **Y10T 29/53657** (2015.01 - EP US)

Citation (search report)

- [X] DE 2158372 A1 19730530 - FISCHER EUGEN
- [A] US 3874061 A 19750401 - GAUTHIER MAURICE
- [AP] DE 3001472 B1 19800724 - HEILMANN OPTILON
- [E] GB 2079336 A 19820120 - HAAKSBERGEN T T BV
- [E] WO 8203097 A1 19820916 - JUERGENS MASCH GMBH & CO [DE], et al

Cited by

EP0393241A3

Designated contracting state (EPC)

AT BE DE FR GB NL SE

DOCDB simple family (publication)

**EP 0117304 A1 19840905**; **EP 0117304 B1 19870923**; DE 3017378 A1 19811112; DE 3017378 C2 19831117; DE 3163360 D1 19840607; DE 3176466 D1 19871029; EP 0039850 A1 19811118; EP 0039850 B1 19840502; EP 0039850 B2 19890215; ES 501915 A0 19820201; ES 8202704 A1 19820201; JP S571535 A 19820106; JP S6033572 B2 19850803; US 4535824 A 19850820

DOCDB simple family (application)

**EP 83112252 A 19810502**; DE 3017378 A 19800507; DE 3163360 T 19810502; DE 3176466 T 19810502; EP 81103306 A 19810502; ES 501915 A 19810506; JP 6849181 A 19810507; US 50066983 A 19830603