

Title (en)

Apparatus for introducing filler yarns in a spiral fabric.

Title (de)

Vorrichtung zum Einführen von Fülldrähten in ein Drahtgliederband.

Title (fr)

Dispositif pour insérer des fils de remplissage dans un tissu en hélices combinées.

Publication

EP 0393241 B1 19940831 (DE)

Application

EP 89118363 A 19891004

Priority

DE 8902635 U 19890304

Abstract (en)

[origin: US5068960A] A device for the insertion of filling wires into a wire jointed-band is described, being positioned in the conveying direction of a machine for the production of the wire jointed-band behind a feeding device for the plugging wires. By means of a guiding plate with channels and a roller the filling wires are inserted into the respective openings of the already completed wire jointed-band. The device according to the invention allows a sectional mechanical insertion of the filling wires into the actual wire jointed-band. The filling wires can be inserted simultaneously with the plugging wires, resulting in a substantially higher production speed.

IPC 1-7

D21F 1/00

IPC 8 full level

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

CPC (source: EP US)

B21F 43/00 (2013.01 - EP US); **D21F 1/0072** (2013.01 - EP US); **Y10T 29/53348** (2015.01 - EP US); **Y10T 29/53526** (2015.01 - EP US); **Y10T 29/53535** (2015.01 - EP US); **Y10T 29/53539** (2015.01 - EP US); **Y10T 29/53696** (2015.01 - EP US)

Designated contracting state (EPC)

AT BE CH DE ES FR GB IT LI NL SE

DOCDB simple family (publication)

US 5068960 A 19911203; AT E110807 T1 19940915; CA 2001307 A1 19900904; CA 2001307 C 19940830; DE 58908280 D1 19941006; DE 8902635 U1 19890413; EP 0393241 A2 19901024; EP 0393241 A3 19911127; EP 0393241 B1 19940831; ES 2060710 T3 19941201; FI 894784 A0 19891009; FI 894784 A 19900905; FI 92913 B 19941014; FI 92913 C 19950125; JP H02268934 A 19901102; JP H06102231 B2 19941214

DOCDB simple family (application)

US 46075290 A 19900104; AT 89118363 T 19891004; CA 2001307 A 19891024; DE 58908280 T 19891004; DE 8902635 U 19890304; EP 89118363 A 19891004; ES 89118363 T 19891004; FI 894784 A 19891009; JP 4971990 A 19900302