

Title (en)

Method for winding of saw-toothed wires in textiles machine construction.

Title (de)

Verfahren zum Aufziehen von Sägezahndrähten im Textilmaschinenbau.

Title (fr)

Procédé pour monter des fils à dent de scie dans la construction des machines textiles.

Publication

EP 0463293 B1 19940427 (DE)

Application

EP 91103904 A 19910314

Priority

CH 212890 A 19900626

Abstract (en)

[origin: US5065511A] A sinusoidally extending groove is cut into the jacket of a roller having a smooth surface to extend in circumferential direction thereof. A flat wire is thereafter placed into the groove. Then, a first saw-tooth wire is connected to one side of the flat wire and wound around the roller. The first turn of the first saw-tooth wire is guided by the flat wire and the subsequent turns thereof are guided by the respective preceding turn. After the winding has been completed, the flat wire is removed and a second saw-tooth wire is wound around the opposite located section of the roller. For this winding, the first turn of the first saw-tooth wire is used as guide for the first turn of the second saw-tooth wire. This leads to an optimal distribution of the tips of the clothing on the roller and an improved quality of the handling or treating, respectively, of the fibres. The roller finds use in textile machines, e.g. carding machines, opening machines, scutchers, breaker cards, etc.

IPC 1-7

D01G 15/92; **D01G 15/88**; **D01H 4/32**

IPC 8 full level

D01G 15/88 (2006.01); **D01G 15/92** (2006.01); **D01H 4/32** (2006.01)

CPC (source: EP US)

D01G 15/88 (2013.01 - EP US); **D01G 15/92** (2013.01 - EP US); **D01H 4/32** (2013.01 - EP US); **Y10T 29/49551** (2015.01 - EP US)

Cited by

EP1182283A1

Designated contracting state (EPC)

BE CH DE ES FR GB GR IT LI NL SE

DOCDB simple family (publication)

EP 0463293 A1 19920102; **EP 0463293 B1 19940427**; CH 681628 A5 19930430; DE 59101485 D1 19940601; US 5065511 A 19911119

DOCDB simple family (application)

EP 91103904 A 19910314; CH 212890 A 19900626; DE 59101485 T 19910314; US 68118291 A 19910405