

Title (en)

Method for the production of a tubular intermediate-product from spring steel material

Title (de)

Verfahren zum Herstellen eines hülsenförmigen Zwischenprodukts aus Federstahlgewirk

Title (fr)

Procédé pour la fabrication d'un produit intermédiaire en tissu d'acier à ressorts

Publication

EP 1231000 A3 20030115 (DE)

Application

EP 02002859 A 20020208

Priority

DE 10106595 A 20010209

Abstract (en)

[origin: EP1231000A2] Process used for manufacturing a sleeve-like intermediate product (22-1, 22-2) from knitted spring steel comprises cutting a tube (12) of knitted spring steel laid flat to form a two-layered knitted strip (16) perpendicular to the longitudinal direction of the tube and molding the resulting two-layered knitted component (20) into the sleeve-like intermediate product. The knitted component is bent to form the sleeve-shape so that the cut edges or the fold lines of the knitted component lie directly adjacent to each other and can be joined together. Preferred Features: The cut edges or the fold lines are joined together on the application of radial force.

IPC 1-7

B21F 33/00; **B21F 45/00**

IPC 8 full level

B21F 33/00 (2006.01); **B21F 45/00** (2006.01)

CPC (source: EP)

B21F 33/00 (2013.01); **B21F 33/007** (2013.01); **B21F 45/00** (2013.01)

Citation (search report)

- [A] DE 3717204 A1 19881215 - BAUMANN GOTTFRIED [DE]
- [A] US 5289853 A 19940301 - SCHAEFER LOTHAR [DE]
- [A] US 5849054 A 19981215 - FUJISAWA KATSUhide [JP]
- [A] US 2405725 A 19460813 - YORK OTTO H
- [A] US 3973717 A 19760810 - JENSEN THOMAS H

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

EP 1231000 A2 20020814; **EP 1231000 A3 20030115**; DE 10106595 A1 20020822

DOCDB simple family (application)

EP 02002859 A 20020208; DE 10106595 A 20010209