

Title (en)

Method for manufacturing yarn guiding rings.

Title (de)

Verfahren zur Herstellung von Fadenführungsringen.

Title (fr)

Procédé pour la fabrication d'anneaux de guidage de fil.

Publication

EP 0534060 B1 19950920 (EN)

Application

EP 92109526 A 19920605

Priority

IT MI912531 A 19910924

Abstract (en)

[origin: EP0534060A1] A method for manufacturing yarn guiding rings, includes a first step of blanking a plate (3) to form a plate body (1) constituted by a supporting element (7) and by a fork element, and a second step of bending the fork in order to obtain a circular ring. The fork element has two arms (5). Each arm is constituted by two portions with different curvatures (R, S). The outer portions of the arms are folded until the curvatures are all identical, producing a circle with radius (R) and overlapping the free ends of the arms. The yarn guiding ring is thus constituted by a single blanked and bent part with a solid cross-section. <IMAGE>

IPC 1-7

D01H 13/04; B65H 57/08; B65H 57/06; B21D 53/18

IPC 8 full level

B65H 57/06 (2006.01); **D01H 13/04** (2006.01)

CPC (source: EP)

B65H 57/06 (2013.01); **D01H 13/04** (2013.01); **B65H 2701/31** (2013.01)

Cited by

CN107938121A; CN107938140A; EP4332285A1

Designated contracting state (EPC)

CH DE ES FR GB IT LI

DOCDB simple family (publication)

EP 0534060 A1 19930331; **EP 0534060 B1 19950920**; DE 69204950 D1 19951026; DE 69204950 T2 19960515; IT 1259604 B 19960325; IT MI912531 A0 19910924; IT MI912531 A1 19930324

DOCDB simple family (application)

EP 92109526 A 19920605; DE 69204950 T 19920605; IT MI912531 A 19910924