

Title (en)

ROTARY SPIRAL ELEMENT FOR INTRODUCING COMPENSATION AND FALSE TWIST INTO TEXTILE FIBRE SLIVERS

Publication

EP 0321034 B1 19930127 (EN)

Application

EP 88202830 A 19881209

Priority

IT 2308987 A 19871218

Abstract (en)

[origin: EP0321034A1] The invention relates to a spiral yarn guide element (3) for providing compensation and false twist to a sliver (9) leaving a gill box (2) and for depositing it in the form of cross-winding on a forming bobbin (16), said spiral element (3) rotating rapidly about itself while being moved transversely to-and-fro parallel to the axis of the drive roller along a reciprocating path of travel equal substantially to the axial length of said bobbin (16) being wound.

IPC 1-7

B65H 59/00; **D01H 13/04**

IPC 8 full level

B65H 59/00 (2006.01); **D01H 7/92** (2006.01)

CPC (source: EP)

B65H 59/005 (2013.01); **D01H 7/92** (2013.01); **B65H 2701/311** (2013.01)

Citation (examination)

EP 0295731 A1 19881221 - SAVIO SPA [IT]

Cited by

DE10306475A1

Designated contracting state (EPC)

BE CH DE ES FR GB GR LI

DOCDB simple family (publication)

EP 0321034 A1 19890621; **EP 0321034 B1 19930127**; DE 3877927 D1 19930311; DE 3877927 T2 19930609; ES 2039602 T3 19931001; GR 3007076 T3 19930730; IT 1223533 B 19900919; IT 8723089 A0 19871218

DOCDB simple family (application)

EP 88202830 A 19881209; DE 3877927 T 19881209; ES 88202830 T 19881209; GR 930400310 T 19930212; IT 2308987 A 19871218