

Title (en)

Device for vertically positioning and orienting rod-shaped tubes, in particular conical tubes for textile machines.

Title (de)

Vorrichtung zum vertikalen Positionieren und Orientieren länglicher Hülzen, insbesondere konischer Spulenhülzen für Textilmaschinen.

Title (fr)

Dispositif pour positionner verticalement et orienter des tubes, en particulier des tubes de bobine coniques pour machines textiles.

Publication

EP 0276880 A2 19880803 (EN)

Application

EP 88200061 A 19880115

Priority

IT 1920787 A 19870130

Abstract (en)

The present invention relates to a device for vertically positioning and orienting rod-shaped elements having different-diameter ends, in particular conical tubes for spinning frames, or analogous machines. Said device comprises pusher actuators (2), which drive their stems (26) to move in a substantially horizontal direction, tube-supporting plates (10) having an angular shape, each fastened to the end of said stems (26), and frontal contact sensors (16, 18), or similar elements, which are enabled in the presence of the smallest diameter of the rod-shaped conical tube (12). At least a stationary tube-stop plate (14) is provided, whose frontal position relatively to the contact sensors can be adjusted. Also the presence is envisaged as well, of one single contact sensor (16) enabled in the presence of the smallest diameter of the rod-shaped conical tube.

IPC 1-7

B65H 67/06

IPC 8 full level

B65H 67/06 (2006.01)

CPC (source: EP)

B65H 67/061 (2013.01); **B65H 2701/31** (2013.01)

Cited by

EP0475485A1

Designated contracting state (EPC)

BE CH DE ES FR GB GR LI

DOCDB simple family (publication)

EP 0276880 A2 19880803; **EP 0276880 A3 19881102**; **EP 0276880 B1 19911127**; DE 3866363 D1 19920109; ES 2028981 T3 19920716; GR 3003412 T3 19930217; IT 1215346 B 19900208; IT 8719207 A0 19870130

DOCDB simple family (application)

EP 88200061 A 19880115; DE 3866363 T 19880115; ES 88200061 T 19880115; GR 910402083 T 19911219; IT 1920787 A 19870130