

Title (en)

Device for controlling the path of a running yarn at a winding station of a winding machine.

Title (de)

Einrichtung zur Beeinflussung des Fadenlaufs an der Spulstelle einer Spulmaschine.

Title (fr)

Dispositif pour régler la course du fil à un poste de bobinage d'une machine de bobinage.

Publication

EP 0684203 A3 19960424 (DE)

Application

EP 95106638 A 19950503

Priority

DE 4418312 A 19940526

Abstract (en)

[origin: EP0684203A2] A device for modifying the thread run at a spooler winding position where a thread runs from a take-off spool to a wind-on spool is located above the take-off spool. The device (10) has a guiding surface (17) in the form of a truncated cone where the contour of greater dia. faces the take-off spool and the cone is incised with a truncated pyramid surface (P) such that its edges (18) penetrate the cone shape to form flutes (19). Cone and pyramid taper in the same direction and the cone (k) and pyramid axes (p) coincide. The pyramid cross section forms a polygon with an odd number of equal sides and at least five corners.

IPC 1-7

B65H 57/22

IPC 8 full level

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CPC (source: EP US)

B65H 57/22 (2013.01 - EP US); **B65H 2701/31** (2013.01 - EP US)

Citation (search report)

- [X] DE 2623916 A1 19771215 - SCHLAFHORST & CO W
- [A] FR 73418 E 19600704 - SCHLAFHORST & CO W
- [A] US 3199806 A 19650810 - RUDOLF JENNY
- [A] WO 9324688 A1 19931209 - PALITEX PROJECT CO GMBH [DE]

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DE102004051880A1; CN102556760A; EP2444346A3

Designated contracting state (EPC)

CH DE IT LI

DOCDB simple family (publication)

EP 0684203 A2 19951129; EP 0684203 A3 19960424; EP 0684203 B1 19981209; DE 4418312 A1 19951130; DE 59504465 D1 19990121; JP 3599829 B2 20041208; JP H07315691 A 19951205; US 5605297 A 19970225

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EP 95106638 A 19950503; DE 4418312 A 19940526; DE 59504465 T 19950503; JP 12548095 A 19950524; US 43541295 A 19950510