

Title (en)

Apparatus for clamping an underwound yarn wrap on the spindle of a ring spinning or ring twisting machine

Title (de)

Vorrichtung zum Klemmen eines Unterwindfadens an der Spindel einer Ringspinnmaschine oder Ringzwirnmaschine

Title (fr)

Appareil pour pincer un fil de sous-renvidage sur une broche d'un métier continu à filer ou à retordre à anneau

Publication

**EP 0949366 A3 20010110 (DE)**

Application

**EP 99106597 A 19990331**

Priority

- DE 19816205 A 19980409
- DE 19910072 A 19990308

Abstract (en)

[origin: EP0949366A2] An underwinding thread clamping mechanism for a ring spinning or ring twisting machine spindle has sinusoidal interengaging spindle collar and clamping sleeve ends releasable by an actuator (4) used for braking the sleeve with respect to the collar. The apparatus clamps an underwinding thread on a ring spinning or ring twisting machine spindle having, below a fitted bobbin, a fixed collar (2) and an axially displaceable clamping sleeve (3), which can be disconnected by an actuator. The underwinding thread is wrapped by less than 360 degrees around the spindle. Corresponding end faces (10,20) of the collar and the spring-biased rotatable clamping sleeve have interengaging sinusoidal contours over at least part of their circumference and/or diameter. While the actuator is used for braking the sleeve with respect to the collar.

IPC 1-7

**D01H 1/38**; **B65H 65/00**

IPC 8 full level

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CPC (source: EP US)

**D01H 1/38** (2013.01 - EP US)

Citation (search report)

- [Y] DE 4143164 A1 19920806 - HACOPA TEXTILMASCHINEN [DE]
- [AD] DE 19628826 A1 19980122 - LIESER GMBH BETEILIGUNGSGESELL [DE]
- [Y] DE 4421143 A1 19950126 - RIETER AG MASCHF [CH]
- [A] FR 2686906 A1 19930806 - SCHLUMBERGER CIE N [FR]
- [A] EP 0142486 A1 19850522 - HOUGET DUESBERG BOSSON [BE]

Cited by

CN107487664A; EP1213381A3; EP2157217A3; WO2007131562A1; EP2157217A2

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