

Title (en)
CLAMPING HEAD FOR WINDING TUBES.

Title (de)
SPANNKOPF FÜR WICKELHÜLSEN.

Title (fr)
TETE DE SERRAGE POUR CYLINDRES DE BOBINAGE.

Publication
EP 0531285 B1 19940216 (DE)

Application
EP 90909709 A 19900621

Priority
DE 4017007 A 19900526

Abstract (en)
[origin: WO9118819A1] A clamping head for winding tubes on which material in web form, such as paper webs or the like, is wound on and off has a multiple cornered clamping head shank (20) against which clamping pieces (40) rest. The clamping pieces (40) and the clamping head shank (20) can be rotated relative to each other, and this rotation causes a radial movement (expansion/contraction path) of the clamping piece (40). When the torque-dependent expansion is maintained, withdrawal from the tube is facilitated because the clamping head shank (20) is shaped as a truncated pyramid, the clamping pieces (40) and the clamping head shank (20) can be slid relative to each other in the axial direction (B), the clamping pieces (40) are provided with, or effectively connected to, an end limit stop(34) for the winding tube (10) effective in the axial direction (B) and to an end limit stop (35) fixed to the clamping head shaft (20) effective in the axial direction (B), and the clamping distance (expansion/contraction distance) of the clamping pieces (40) is composed of a rotation-related part and a sliding-related part, so that the (second) end limit stop (35) reaches its axial end position before reaching the end of the clamping distance.

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WO 9118819 A1 19911212; BR 9008024 A 19930713; CA 2083815 A1 19911127; CA 2083815 C 19960423; DE 59004646 D1 19940324; EP 0531285 A1 19930317; EP 0531285 B1 19940216; FI 101214 B1 19980515; FI 101214 B 19980515; FI 925356 A0 19921125; FI 925356 A 19921125; JP H05506634 A 19930930; JP H0729710 B2 19950405

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