

Title (en)
DEVICE FOR TAPE-WRAPPING OF FLEXIBLE ELONGATED OBJECTS

Publication
EP 0285045 B1 19920212 (DE)

Application
EP 88104918 A 19880326

Priority
DE 3710938 A 19870401

Abstract (en)
[origin: EP0285045A1] A system (1) for binding flexible, elongated objects (20) comprises a feed mechanism (7) for advancing the objects (20) and a winding wheel (12) arranged coaxially with the longitudinal axis of the objects (20). The wheel is provided with a tape roll support (13) which revolves together with the wheel. The feed mechanism (7) has a feed carriage (8) which moves parallel to the axis of rotation of the winding wheel or to the longitudinal axis of the objects (20) and a holding device (9) on side nearest the winding wheel for the start of the objects (20). The feed mechanism (7) has two rollers (10, 11), one above the other, which can be displaced vertically and whose axes of rotation are perpendicular to the longitudinal axis of the objects (2). One roll (10) acts as a feed length receiver (10'), the other roll (11) as a feed drive (11'). The feed carriage (18) is partially or fully synchronized with the feed drive (11') and the feed length is controlled by comparison of the reference and actual values in an electrical control programme unit (2).

IPC 1-7
H01B 13/00

IPC 8 full level
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CPC (source: EP KR)
H01B 13/00 (2013.01 - KR); **H01B 13/01281** (2013.01 - EP)

Cited by
EP0932164A3; US6174395B1; WO9736304A1

Designated contracting state (EPC)
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DOCDB simple family (publication)
EP 0285045 A1 19881005; EP 0285045 B1 19920212; AT E72610 T1 19920215; CA 1305401 C 19920721; DE 3710938 A1 19881013; DE 3868335 D1 19920326; ES 2029295 T3 19920801; JP H01502864 A 19890928; KR 890700909 A 19890428; WO 8807751 A1 19881006

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