

Title (en)  
Binding strap apparatus.

Title (de)  
Bandumreifungsmaschine.

Title (fr)  
Dispositif à cercler à l'aide d'un ruban.

Publication  
**EP 0337782 A1 19891018 (EN)**

Application  
**EP 89303670 A 19890413**

Priority  
JP 9433788 A 19880415

Abstract (en)  
A strap binding apparatus in which a binding strap (3) is fed, held and tensioned by and between a reversible traction wheel (2T) and a back-up wheel (2B) of a binding head (1) has the traction wheel (2T) rotatably supported on an axis (t) which is located at a predetermined fixed position. A supporting plate (9) supports a drive system (6, 7) to drive the traction wheel (2T) and is rotatably supported around the fixed axis (t). A spring (8) between the supporting plate and a frame of the binding head (1) urges rotation of the supporting plate (9) in one sense. The back-up wheel (2B) is supported to be rotatable on an eccentric shaft (10) which is rotatable around an eccentric axis (X) eccentric with respect to a base axis (b) of the eccentric shaft (10). Pivotal movement is transmitted from the supporting plate (9) to the eccentric shaft (10) through a link (11) so that reaction forces of the drive system (6, 7) rotate the supporting plate (9) in the other sense to cause the back-up wheel (2B) to be urged towards the traction wheel (2T) to tighten the grip on the strap (3).

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**B65B 13/22**; **B65H 20/02**

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CPC (source: EP)  
**B65B 13/22** (2013.01); **B65H 20/02** (2013.01)

Citation (search report)  
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• [A] EP 0095643 A2 19831207 - HOESCH WERKE AG [DE]

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