

Title (en)  
METHOD AND APPARATUS FOR TWISTING A WIRELESS TWIST TIE

Title (de)  
VERFAHREN UND VORRICHTUNG ZUM VERDRILLEN EINES DRAHTLOSEN BINDESTREIFENS

Title (fr)  
PROCEDE ET APPAREIL POUR TORDRE UN LIEN ARME SANS FIL

Publication  
**EP 1003673 A1 20000531 (EN)**

Application  
**EP 98967063 A 19980917**

Priority  
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• US 5932997 P 19970919

Abstract (en)  
[origin: WO9925615A1] A bag neck tying device (10) for tying a ribbon (15) about gathered material. The bag neck tying device (10) includes a bag gathering mechanism (20) for moving a bag neck into engagement with a bag stop lever (80) controlled by an electric brake (82). The bag neck tying device further includes a needle assembly (40) for wrapping the ribbon around the gathered neck of the bag, a twister hook assembly (50) for twisting the ribbon of tie material and a ribbon holder-shear assembly (60) for cutting and holding the end of the ribbon. The twister hook assembly (50) has a ribbon guide surface (58) configured to position the ribbon such that the hook (54) grip tails of the ribbon to form ties in non-metallic ribbon. The holder-shear assembly has surfaces (64, 68, 69) configured to extrude and positively grip the end of the ribbon.

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