

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
• US 9819392 W 19980917
• 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.

IPC 1-7
B65B 51/08

IPC 8 full level
B65B 51/08 (2006.01)

CPC (source: EP)
B65B 51/08 (2013.01)

Designated contracting state (EPC)
AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
WO 9925615 A1 19990527; AT E259740 T1 20040315; AU 3284999 A 19990607; CA 2272879 A1 19990527; CA 2272879 C 20070320; DE 69821770 D1 20040325; EP 1003673 A1 20000531; EP 1003673 A4 20020213; EP 1003673 B1 20040218; ES 2213936 T3 20040901; HK 1026405 A1 20001215; JP 2001511751 A 20010814; JP 4275745 B2 20090610

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