

Title (en)  
REDUCING END BREAKS IN THE SPINNING OR TWISTING OF YARN

Title (de)  
VERMINDERUNG DER FADENBRÜCHE BEIM SPINNEN ODER ZWIRNEN

Title (fr)  
REDUCTION DU TAUX DE CASSES DANS LA FILATURE OU LE RETORDAGE DE FILS

Publication  
**EP 0883702 A1 19981216 (EN)**

Application  
**EP 97904925 A 19970228**

Priority  
• AU 9700118 W 19970228  
• AU PN838496 A 19960229

Abstract (en)  
[origin: WO9732064A1] A method and apparatus for twisting a travelling fibre assembly (7) to form a twisted yarn (9), in which the strand is drawn from nip means (14) and rotated to insert twist into the yarn. Downstream of the nip, the twisted yarn is drawn past and in engagement with at least one run (34 or 35) of travelling continuous belt means (30) so that a surface or surfaces of the belt means rotates the yarn and inserts a false twist into the yarn towards the nip. The surface(s) is convexedly curved in the direction of travel of the yarn, and the yarn engages the surface(s) over a total curved line contact which is sufficient to materially reduce the transmission of tension in the yarn past the surface(s) towards the nip.

IPC 1-7  
**D01H 1/02**; **D01H 1/11**

IPC 8 full level  
**D01H 1/02** (2006.01); **D01H 1/11** (2006.01); **D01H 7/92** (2006.01); **D02G 1/08** (2006.01)

CPC (source: EP KR)  
**D01H 1/02** (2013.01 - KR); **D01H 1/11** (2013.01 - KR); **D01H 7/92** (2013.01 - EP); **D02G 1/085** (2013.01 - EP)

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 9732064 A1 19970904**; AU PN838496 A0 19960321; BR 9707790 A 19990727; CA 2247242 A1 19970904; CN 1212737 A 19990331; EP 0883702 A1 19981216; EP 0883702 A4 19990609; JP 2001508133 A 20010619; KR 19990087402 A 19991227; PL 328866 A1 19990301; TR 199801684 T2 19990921

DOCDB simple family (application)  
**AU 9700118 W 19970228**; AU PN838496 A 19960229; BR 9707790 A 19970228; CA 2247242 A 19970228; CN 97192676 A 19970228; EP 97904925 A 19970228; JP 53046897 A 19970228; KR 19980706818 A 19980829; PL 32886697 A 19970228; TR 9801684 T 19970228