

Title (en)

Yarn cutting device.

Title (de)

Fadenschneidevorrichtung.

Title (fr)

Dispositif pour couper un fil.

Publication

EP 0565899 B1 19950621 (DE)

Application

EP 93104508 A 19930319

Priority

DE 4212241 A 19920411

Abstract (en)

[origin: US5348242A] A yarn winding apparatus for winding a cross wound package, and comprising a cutting blade arranged below the traversing triangle and a yarn lifting member which is adapted for movement between positions below and above the traversing triangle. When the winding of a package is completed, the lifting member is lifted, which in turn lifts the advancing yarn from its traversing triangle, and in addition, the lifting member captures and retains the advancing yarn in a laterally fixed position. Upon the subsequent lowering of the lifting member, the captured yarn is brought into the engagement with the cutting blade and severed. In the lifted position of the lifting member, the advancing yarn also may be lifted from its reciprocating yarn guide so that a plurality of circumferential final winds are formed on the completed package.

IPC 1-7

B65H 54/71; **B65H 57/28**

IPC 8 full level

B65H 54/34 (2006.01); **B65H 54/71** (2006.01); **B65H 54/88** (2006.01); **B65H 57/28** (2006.01)

CPC (source: EP KR US)

B65H 54/34 (2013.01 - EP US); **B65H 54/71** (2013.01 - EP KR US); **B65H 54/88** (2013.01 - EP US); **B65H 57/003** (2013.01 - EP US); **B65H 59/12** (2013.01 - KR); **B65H 2701/31** (2013.01 - EP KR US)

Cited by

DE19845842B4; DE4415677C2; EP4122856A1; EP0659672A1; US5568897A

Designated contracting state (EPC)

CH DE ES FR GB IT LI

DOCDB simple family (publication)

US 5348242 A 19940920; CN 1031420 C 19960327; CN 1079517 A 19931215; DE 59300271 D1 19950727; EP 0565899 A1 19931020; EP 0565899 B1 19950621; JP 3323275 B2 20020909; JP H0616335 A 19940125; KR 0133500 B1 19980424; KR 930021524 A 19931122; TW 209256 B 19930711

DOCDB simple family (application)

US 4601493 A 19930412; CN 93104208 A 19930410; DE 59300271 T 19930319; EP 93104508 A 19930319; JP 8315293 A 19930409; KR 930005883 A 19930408; TW 82102053 A 19930319