

Title (en)

YARN TENSION DEVICE AND YARN STORAGE AND DELIVERY DEVICE

Title (de)

FADENBREMSVORRICHTUNG UND FADENSPEICHER- UND I-LIEFERVORRICHTUNG

Title (fr)

TENDEUR ET DISPOSITIF DE STOCKAGE DU FIL ET D'ALIMENTATION EN FIL

Publication

EP 0742779 A1 19961120 (DE)

Application

EP 95911317 A 19950309

Priority

- DE 4407958 A 19940309
- EP 9500880 W 19950309

Abstract (en)

[origin: DE4407958A1] A yarn tension device (E) has a resilient, circular ring-shaped braking member (12) provided with a braking surface (13) which extends in the peripheral direction and can be applied under axial pre-tension (V) against a circular draw-off edge (11) of a yarn storage drum (T). The yarn tension device further has a carrier ring (15) provided on the braking member (12) and a stationary universal joint mounting (K) for mounting and pre-tensioning the braking member (12) which is movably supported on first and second universal joint axes (A, B). The second universal joint axis (B) is formed by abutment area pairs which can be lifted away from each other and pressed against each other as a result of the pre-tension (V). The abutment area pairs are disposed on the carrier ring (15) and on a support ring (16) which is mounted in the universal joint mounting (K) so that it can tilt about the first universal joint axis (A).

IPC 1-7

B65H 51/22; D03D 47/34

IPC 8 full level

B65H 51/22 (2006.01); **D03D 47/34** (2006.01); **D03D 47/36** (2006.01); **D04B 15/48** (2006.01)

CPC (source: EP KR US)

B65H 51/22 (2013.01 - KR); **D03D 47/34** (2013.01 - KR); **D03D 47/366** (2013.01 - EP US); **B65H 2402/60** (2013.01 - EP US)

Citation (search report)

See references of WO 9524355A1

Designated contracting state (EPC)

BE CH DE IT LI NL SE

DOCDB simple family (publication)

DE 4407958 A1 19950914; CN 1059174 C 20001206; CN 1152899 A 19970625; DE 59501330 D1 19980226; EP 0742779 A1 19961120; EP 0742779 B1 19980121; KR 100395573 B1 20040403; KR 970701669 A 19970412; US 5738291 A 19980414; WO 9524355 A1 19950914

DOCDB simple family (application)

DE 4407958 A 19940309; CN 95191999 A 19950309; DE 59501330 T 19950309; EP 9500880 W 19950309; EP 95911317 A 19950309; KR 19960705027 A 19960907; US 70452796 A 19961104