

Title (en)
YARN PACKAGE

Title (de)
GARNWICKEL

Title (fr)
ENROULEMENT DE FIL

Publication
EP 1349804 B1 20060503 (EN)

Application
EP 01990589 A 20011221

Priority

- EP 01990589 A 20011221
- EP 0115267 W 20011221
- EP 00870325 A 20001222
- US 25965701 P 20010103

Abstract (en)
[origin: WO02051736A1] The invention relates to a yarn package provided on a yarn package holder, such as a tube, wherein the yarn is at least partly unstable, such that a variation in the yarn tension results in a rotational movement thereof, characterized in that, the position of the yarn in the yarn package is controlled by the direction of the rotation of the yarn. The invention further relates to a method for winding a yarn on the yarn package holder, such as a tube, forming a yarn package, wherein the position of the nodes is being determined and to an apparatus for the production of alternate twist plied yarn and for the formation of a yarn package by winding said alternate twist plied yarn on a yarn package holder, such as a tube, having a means for producing alternate twist plied yarn, a means for guiding the alternate twist plied yarn along the longitudinal axis of the package being formed whereby the means for producing the alternate twist plied yarn is synchronized with the means for guiding the alternate twist plied yarn along the longitudinal axis of the package.

IPC 8 full level
B65H 55/00 (2006.01); **B65H 55/04** (2006.01)

CPC (source: EP US)
B65H 55/00 (2013.01 - EP US); **B65H 55/04** (2013.01 - EP); **B65H 2701/31** (2013.01 - EP)

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

DOCDB simple family (publication)
WO 02051736 A1 20020704; AT E325072 T1 20060615; DE 60119382 D1 20060608; DE 60119382 T2 20061214; EP 1349804 A1 20031008; EP 1349804 B1 20060503

DOCDB simple family (application)
EP 0115267 W 20011221; AT 01990589 T 20011221; DE 60119382 T 20011221; EP 01990589 A 20011221