

Title (en)

METHOD TO TAKE UP A THREAD ONTO A CROSS-WOUND BOBBIN

Publication

EP 0235557 B1 19900328 (DE)

Application

EP 87101028 A 19870126

Priority

- DE 3602853 A 19860131
- DE 3608816 A 19860318
- DE 3616362 A 19860515

Abstract (en)

1. A chuck adapted to be cantilever-mounted for rotation about a longitudinal axis thereof in a winding machine for threads such as synthetic plastics filament, glass fibre etc., the chuck comprising an element movable radially thereon between retracted and extended positions under the action of centrifugal force when the chuck is rotated about its longitudinal axis at or above a predetermined operating speed in use, the element having a head portion which projects radially outwardly from the bobbin tube receiving surface of the chuck when the element is in its extended position, and is located inwardly of that surface when the element is in its retracted position, the head portion either including thread catching means adapted to receive and catch a thread to secure the thread to the chuck for winding into a package thereon or being adapted to co-operate in use with a part carried by the chuck in order to form such a thread catching means.

IPC 1-7

B65H 54/06

IPC 8 full level

B65H 54/06 (2006.01); **B65H 54/28** (2006.01); **B65H 54/38** (2006.01)

CPC (source: EP US)

B65H 54/2812 (2013.01 - EP US); **B65H 54/385** (2013.01 - EP US); **B65H 2555/12** (2013.01 - EP US); **B65H 2555/13** (2013.01 - EP US); **B65H 2701/31** (2013.01 - EP US)

Cited by

DE19835888B4; FR2845073A1; US6065712A; DE19807030B4; CN109748143A; US7163174B2; US7028943B2; US6283401B1; US6186435B1; US6523774B2; WO2004028943A3

Designated contracting state (EPC)

CH DE FR GB IT LI

DOCDB simple family (publication)

US 4913363 A 19900403; CN 1008620 B 19900704; CN 87100444 A 19871007; DE 3762036 D1 19900503; EP 0235557 A2 19870909; EP 0235557 A3 19871028; EP 0235557 B1 19900328

DOCDB simple family (application)

US 925287 A 19870130; CN 87100444 A 19870127; DE 3762036 T 19870126; EP 87101028 A 19870126