

Title (en)
CENTRIFUGAL SPINNING DEVICE

Title (de)
ZENTRIFUGENSPINNVORRICHTUNG

Title (fr)
DISPOSITIF DE FILAGE CENTRIFUGE

Publication
EP 1488028 A1 20041222 (DE)

Application
EP 03714846 A 20030318

Priority
• DE 10211862 A 20020318
• EP 0302804 W 20030318

Abstract (en)
[origin: WO03078706A1] The invention relates to a spinning device comprising a centrifugal spinning element, which is mounted in a manner that enables it to rotate about a rotation axis. Said centrifugal spinning element comprises a centrifuge bottom, a centrifuge neck, which is situated in the area of the centrifuge bottom, an electromagnetic drive, which is installed on the centrifuge neck, and a thread guide tube, which is mounted in a manner that enables it to be displaced parallel to the rotation axis and which projects inside the centrifugal spinning element via the centrifuge neck. The invention provides that: a re-reeling sleeve (9), which reaches through the centrifuge neck (24) of the centrifugal spinning element (3), is displaceably mounted on the thread guide tube (7), and the thread guide tube (7) and/or the centrifugal spinning element (3) is/are axially displaceable in a manner that enables the creation of a yarn package (15) with a cop winding on the inner wall (25) of the centrifugal spinning element (3), said yarn package starting in the area of the centrifuge bottom (26).

IPC 1-7
D01H 1/08

IPC 8 full level
D01H 1/08 (2006.01); **D01H 13/16** (2006.01)

CPC (source: EP)
D01H 1/08 (2013.01); **D01H 13/16** (2013.01)

Citation (search report)
See references of WO 03078706A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 03078706 A1 20030925; AT E348905 T1 20070115; AU 2003219073 A1 20030929; CN 1643194 A 20050720; CN 1643194 B 20100428; DE 10211862 A1 20031002; DE 50306035 D1 20070201; EP 1488028 A1 20041222; EP 1488028 B1 20061220; JP 2005520938 A 20050714

DOCDB simple family (application)
EP 0302804 W 20030318; AT 03714846 T 20030318; AU 2003219073 A 20030318; CN 03806478 A 20030318; DE 10211862 A 20020318; DE 50306035 T 20030318; EP 03714846 A 20030318; JP 2003576691 A 20030318