

Title (en)  
DEVICE FOR COILING A THREAD

Title (de)  
VORRICHTUNG ZUM AUFWICKELN EINES FADENS

Title (fr)  
DISPOSITIF DE BOBINAGE DE FIL

Publication  
**EP 2231495 A1 20100929 (DE)**

Application  
**EP 09704301 A 20090106**

Priority  
• EP 2009050085 W 20090106  
• DE 102008005810 A 20080124

Abstract (en)  
[origin: WO2009092623A1] The invention relates to a device for coiling a thread into a spool (7.2) having at least one overhanging spool spindle (3.2), at least one spool sleeve (6.2) can be pushed on and clamped to receive a spool on the periphery thereof. To push off the spool sleeves after the spool is completely coiled, a push-off apparatus (8) is provided, which has a thrust element (15) movable parallel to the spool spindle. The thrust element is guided back and forth by a linear drive (16). In order to be able to push off both full spools and also empty spool sleeves using simple means reliably at high frequency, according to the invention, an axially movable thrust ring (13.2) is held on the periphery of the spool spindle, which forms a stop for the spool sleeves, wherein said thrust element is implemented such that the spools can be pushed off alternately without the thrust ring or with the thrust ring.

IPC 8 full level  
**B65H 67/04** (2006.01); **B65H 67/048** (2006.01)

CPC (source: EP)  
**B65H 67/0411** (2013.01); **B65H 67/048** (2013.01); **B65H 2701/31** (2013.01)

Citation (search report)  
See references of WO 2009092623A1

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA RS

DOCDB simple family (publication)  
**DE 102008005810 A1 20090730**; CN 101918297 A 20101215; CN 101918297 B 20120725; EP 2231495 A1 20100929; EP 2231495 B1 20120620; JP 2011509900 A 20110331; JP 5135443 B2 20130206; WO 2009092623 A1 20090730

DOCDB simple family (application)  
**DE 102008005810 A 20080124**; CN 200980102621 A 20090106; EP 09704301 A 20090106; EP 2009050085 W 20090106; JP 2010543449 A 20090106