

Title (en)  
Yarn winding device

Title (de)  
Garnwicklungsvorrichtung

Title (fr)  
Dispositif de bobinage de fil

Publication  
**EP 2409941 B1 20131113 (EN)**

Application  
**EP 11172887 A 20110706**

Priority  
JP 2010164187 A 20100721

Abstract (en)  
[origin: EP2409941A2] A yarn winding device includes a winding angle setting section (44), a traverse width setting section (45), a creeping pattern setting section (46), an average width calculating section (47), and a creeping control section. The average width calculating section (47) calculates an average traverse width of a traverse guide (17) in accordance with a set traverse width set by the traverse width setting section (45) and a creeping pattern set by the creeping pattern setting section (46). The creeping control section controls driving of at least one of a bobbin driving and rotating section (18) and a traverse driving section (19) such that a winding angle of a yarn (Y) at the average traverse width calculated by the average width calculating section (47) becomes a standard winding angle (WA1), and the traverse guide (17) follows the creeping pattern set by the creeping pattern setting section (46).

IPC 8 full level  
**B65H 54/38** (2006.01)

CPC (source: EP)  
**B65H 54/383** (2013.01); **B65H 54/385** (2013.01); **B65H 2701/31** (2013.01)

Designated contracting state (EPC)  
AL 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 RS SE SI SK SM TR

DOCDB simple family (publication)  
**EP 2409941 A2 20120125**; **EP 2409941 A3 20130109**; **EP 2409941 B1 20131113**; CN 102344055 A 20120208; CN 102344055 B 20150812; JP 2012025508 A 20120209; JP 5494324 B2 20140514

DOCDB simple family (application)  
**EP 11172887 A 20110706**; CN 201110195266 A 20110707; JP 2010164187 A 20100721